CONSTRUCTION NEWS

Some of the Week's Large Projects

AMONG the announcements for the current week are the following:

Proposed Work

Athletic centre, South Boston, Mass., Olympia Fields Co. having plans prepared, $10,000,000.

Paper mill, Levis, Que., Canadian International Paper Co. making plans, $5,000,000.

Hotel, Long Beach, N. Y., L. Saltzman, S. Ash and T. Shwarzman having plans prepared, $4,000,000.

Stadium, Niagara Falls, N. Y., Niagara Frontier & Athletic Assn. plan building, $3,500,000.

Office and stores, Chicago, Ill., Medical Arts Club having plans prepared, $3,000,000.

Hospital, Jackson, Miss., State Improvement Com. having plans prepared, $2,500,000.

High school, Cleveland, O., Bd. Educ. having preliminary sketches made, $2,000,000.

Viaducts and repair work, Los Angeles, Calif., voted $1,900,000 bonds.

Hospital, Chicago, Ill., Ridge Gen. Hospital, Inc., having plans prepared, $1,500,000.

Court house, Hartford, Conn., Hartford County Bldg. Com. receiving competitive plans, $1,500,000.

Hotel, Yonkers, N. Y., Bardley Realty Co. having plans prepared, $1,300,000.

Municipal Impvt. Dist. 5, Pasadena, Calif., plans widening street, $1,150,000.

Store, theatre and office, Rochester, N. Y., L. Lempert preparing plans for Greater Rochester Properties, $1,125,000.

Hotel, Ft. Meyers, Fla., C. W. Russell and associates having plans prepared, $1,100,000.

Hotel, St. Petersburg, Fla., B. Ely plans building, $1,000,000.

Schools, Fairmont, W. Va., Bd. Educ. having preliminary plans made, $1,000,000.

Sports arena, Detroit, Mich., J. C. Townsend and associates plan arena, $1,000,000.

Bids Wanted

Power house, Chicago, Ill., May 8, Graham, Anderson, Probst and White, archts., $2,000,000.

Hospital, New York, N. Y., State Hospital Comrs., Albany, soon take bids, $2,000,000.

Apartment and lodge, Cleveland, O., G. Stewart, archt., takes bids about June 1, $1,400,000.

Cathedral, Oakland, Calif., C. Werner, archt., taking bids, $1,000,000.

Contracts

Arena, Jersey City, N. J., Journal Square Gardens, Inc., to Thompson-Starrett Co., $7,000,000.

Steel gates, Welland, Ont., Dept. Rys. and Canals to Lyall Constr. Co., $4,500,000.

Office, theatre and business, Kansas City, Mo., Loews, Inc., to Midland Investment Co., $4,000,000.

High school, Fordson, Mich., Bd. Educ. to F. R. Patterson Constr. Co., $2,000,000.

Loft, New York, N. Y., Realty Constr. Co. will build by separate contracts, $2,000,000.

Classified Index of Bids Wanted

Waterworks

Bids close		*See Eng. News-Record*
May 14	Brooklyn, N. Y.	May 6
May 15	Nelliston, N. Y.	May 6
May 15	Menomonie, Wis.	May 13
May 17	Kohler, Wis.	May 13
May 17	Appleton, Wis.	May 13
May 17	St. Lamberts, Que.	May 13
May 18	Lansing, Ill.	May 13
May 18	Hagerstown, Md.	Apr. 22
May 19	Augusta, Me.	May 6
May 20	Milwaukee, Wis.	May 13
May 21	Oakland, Calif.	Apr. 22
May 24	Norwalk, Conn. Adv. May 6 and 13.	May 6
May 25	St. Louis, Mo.	May 6
May 25	Wheeling, W. Va. Adv. May 13.	May 13
May 25	Blairsville, Pa. Adv. May 13.	May 13
May 27	York, S. C.	May 13
May 29	Gulfport, Miss.	Apr. 29
June 2	New York, N. Y.	May 6

Sewers

May 14	West Haven (br. New Haven), Conn.	May 6
May 14	Reading, Mass.	May 13
May 15	Janesville, Wis.	May 13
May 15	North Andover (Ind. br. Lawrence), Mass.	May 13
May 17	Westmont (Johnstown P. O.), Pa.	May 13
May 17	Miami, Fla.	May 6
May 17	Cincinnati, O.	May 13
May 17	Kohler, Wis.	May 13
May 18	Sacket Harbor, N. Y.	Apr. 29
May 18	St. Paul, Minn.	May 13
May 18	Libertyville, Ill.	May 13
May 19	Cleveland, O.	May 13
May 19	Rye, N. Y.	Apr. 29
May 19	Detroit, Mich.	May 13
May 19	St. George, N. Y.	May 13
May 19	West Roxbury (sta. Boston), Mass.	May 13
May 20	Haskell, Tex.	May 13
May 20	Murfreesboro, Tenn.	May 13
May 20	Akron, O.	May 13
May 20	Dexter, N. Y.	Apr. 29
May 20	Salisbury, Md. Adv. Apr. 29 to May 13.	Apr. 29
May 20	Haskell, Tex.	May 13
May 21	La Grange, N. C. Adv. Apr. 22 to May 13.	Apr. 29
May 25	Muskegon, Mich.	Apr. 29
May 25	Niles, Ill.	May 6
May 25	Plaquemine, La. Adv. May 6 and 13.	May 6
May 28	Louisville, Ky.	May 6
May 28	Akron, N. Y. Adv. May 13.	May 13
May 31	Selma, Ala.	May 13
June 8	St. Louis, Mo.	May 13

Waste Disposal

May 17	Sanford, Fla.	May 13
May 27	Galveston, Tex.	Apr. 29
June 3	Mobile, Ala. Adv. May 6 and 13.	May 6

Bridges

May 14	Ohio	May 6
May 15	Paducah, Ky.	Apr. 22
May 15	Anderson, Ind.	Apr. 8
May 15	St. Pierre le Bicquets, Que.	May 6
May 17	Akron, O.	Apr. 29
May 18	Texas	Apr. 29
May 18	New Orleans, La.	May 6
May 19	Minneapolis, Minn.	Apr. 8
May 19	Pennsylvania	Apr. 29
May 19	Akron, O.	Apr. 29
May 19	Poughkeepsie, N. Y. Adv. May 6 and 13.	May 6
May 19	Kooskia, Idaho	May 6
May 21	Akron, O.	Apr. 29
May 21	Maskinonge, Que.	May 6
May 24	California	May 6
May 25	New York Adv. May 13.	May 13
May 26	Los Angeles, Calif.	May 6
May 27	Louisiana Adv. Apr. 29 to May 13.	Apr. 29
June 1	Sebring, Fla. Adv. May 6 and 13.	May 6
June 1	Mercer, Pa. Adv. May 13.	May 13
June 1	Santa Cruz, Calif.	May 13
June 1	Jacksonville, Fla. Adv. May 13.	May 13

Excavation, Drainage, Irrigation, Levees, River and Harbor

May 18	Sioux City, Ia.	May 6
May 20	Falmouth, Mass.	May 13
May 24	Buffalo, N. Y.	Apr. 22
May 27	New Jersey Adv. May 13.	May 13
June 1	Galveston, Tex.	Apr. 29
June 4	Albany, N. Y. Adv. May 13.	May 13
June 15	St. Louis, Mo.	May 13

Streets and Roads

May 14	Ohio	May 6
May 14	Vermont	May 6
May 14	Trenton, N. J.	May 6
May 15	Anderson, Ind.	Apr. 8
May 15	Anderson, Ind.	May 13
May 15	Norwich, Conn.	May 13
May 15	Milwaukee, Wis.	May 13
May 17	Morgantown, W. Va.	Apr. 22
May 17	Pleasant Ridge, Mich.	May 6
May 17	Aberdeen, S. D.	May 6
May 17	Clearfield, Pa.	May 13
May 17	Johnstown, N. Y.	May 13
May 17	Fruitport, Mich.	May 13
May 17	Hennessey, Okla.	May 13
May 17	Brookline (br. Boston), Mass.	May 13
May 18	Concordia, Kan.	May 13
May 18	Connecticut Adv. May 13.	May 13
May 18	South Carolina	May 13
May 18	St. Louis, Mo.	May 13
May 18	North Dakota	May 6
May 18	Maryland Adv. May 6 and 13.	May 6
May 18	Oxford, Miss.	May 6
May 18	Athol, Mass.	May 13
May 18	South Carolina	May 13
May 18	Eufaula, Ala.	May 13
May 18	Webster City, Ia.	May 13
May 18	Dakota, Ia.	May 13
May 18	Humboldt, Ia.	May 13
May 18	Sioux City, Ia.	May 13
May 18	Omaha, Neb.	May 13
May 18	Phila., Pa.	May 13
May 18	Grand Haven, Mich.	May 13
May 18	Fordson, Mich.	May 13
May 19	North Dakota	May 6
May 19	Southmont (Johnstown P. O.), Pa.	May 6
May 19	Alabama	May 13
May 19	Sibley, Ia.	May 13
May 19	Cleveland, O.	May 13
May 19	West Palm Beach, Fla.	May 13
May 19	Bexley (Columbus P. O.), O.	May 13
May 20	Florida	May 13
May 20	Michigan	May 6
May 20	Pennsylvania Adv. May 6 and 13.	May 6
May 20	Baton Rouge, La.	May 13
May 20	New Brunswick, N. J.	May 13
May 20	Washington, Pa.	May 13
May 20	Wisconsin	May 13
May 20	Pennsylvania	May 13
May 20	New York, N. Y.	May 13
May 20	Pompton Lakes, N. J. Adv. May 13.	May 13
May 20	Boston, Mass.	May 13
May 20	Maine	May 13
May 21	Idaho	May 13
May 21	Alma, Kan.	Apr. 22
May 21	De Kalb, Miss.	May 6

See proposal advertising on page 134, Advertising Section

TRADE "LEADITE" MARK
Registered U. S. Pat. Office

Laying 36-in. c. i. Water Mains With Leadite Joints

Good Pipe Joints

Has it occurred to you why so many water works men are using Leadite for making joints in all sizes of cast iron water mains?

There are many sound reasons.

The most important reason is that experience has proven Leadite joints are good joints and improve with age.

The other reasons relate to saving in the cost of material and labor.

Leadite facilitates rapid completion of the work.

Leadite saves money from every angle of pipe laying.

Anyone can make Leadite joints; Leadite is very easy and simple to handle.

Yarn the joint, pour it full of molten Leadite, and the joint is finished.

If you have never tried Leadite, do not pass up a good thing without investigating it.

Give Leadite a trial.

Leadite resists electrolysis.

Leadite does not corrode or rust.

Leadite has been successfully tested and used for over 30 years.

Thousands of miles of pipe jointed with Leadite are in service.

The up-to-date water works man specifies and uses LEADITE.

LEADITE saves at least 75%

LEADITE is the pioneer self-caulking Material for c. i. pipe

Be Sure It Is LEADITE and Accept No Imitations

THE LEADITE COMPANY, Inc.

1512 Land Title Building, Philadelphia, Pa., U. S. A.

NO CAULKING

Bids close		See Eng. News-Record
May 24	Westmont, Pa.	May 13
May 24	New Jersey	May 13
May 24	Huntington, W. Va.	May 6
May 24	Garrett, Kan.	May 6
May 24	New Jersey Adv. May 6 and 13.	May 6
May 24	California	May 6
May 24	Los Angeles, Calif.	May 13
May 24	Akron, O.	May 13
May 24	San Diego, Calif.	May 13
May 24	Minneapolis, Minn.	May 13
May 24	San Rafael, Calif.	May 13
May 24	Durant, Miss.	May 13
May 24	Michigan	May 13
May 24	Phila., Pa.	May 13
May 25	Ft. Wayne, Ind.	May 13
May 25	Minnesota	May 13
May 25	Maryland	May 13
May 25	New York Adv. May 13.	May 13
May 25	Wellington, Kan.	May 6
May 25	North Dakota	May 6
May 25	Manasquan, N. J. Adv. May 6 and 13.	May 6
May 25	Washington	May 6
May 25	Dartmouth, Mass.	May 13
May 26	Pratt, Kan.	May 6
May 26	Delaware	Apr. 29
May 26	Stuart, Fla.	May 6
May 26	Siler City, N. C.	May 13
May 26	Michigan	May 13
May 27	Dodge City, Kan.	May 6
May 27	Charleston, W. Va.	May 6
May 27	Michigan	May 13
May 28	Medicine Lodge, Kan.	May 6
May 28	La Belle, Fla.	May 13
May 28	Freeport, N. Y. Adv. May 13.	May 13
May 31	Garnett, Kan.	May 13
May 31	Bradentown, Fla.	May 13
June 1	Birmingham, Ala.	Apr. 22
June 1	St. Louis, Mo.	May 13
June 4	Columbus, Kan.	May 13
June 7	Akron, O.	May 13
June 7	Saline, Kan.	May 13
June 8	Wabash, Ind.	May 13
June 8	St. Louis, Mo.	May 13
June 8	Eldorado, Kan.	May 13
June 11	Fellsmere, Fla. Adv. May 13.	May 13
June 11	Saline, Kan.	May 13
June 11	Olathe, Kan.	May 13
June 15	Anderson, Ind.	May 13

Buildings—Commercial

May 15	Williamsport, Pa.	May 6
May 15	Atlantic City, N. J.	Apr. 22
May 17	New Orleans, La.	May 6
May 18	Columbus, O.	Apr. 15
May 19	Central Islip, N. Y. Adv. May 6 and 13.	May 6
May 19	Yonkers, N. Y. Adv. Apr. 29 to May 13.	May 6
May 19	Phila., Pa.	May 6
May 20	Ohio	Apr. 15
May 20	Maspeth (Ind. sta. Flushing), N. Y.	May 13
May 20	Springfield, N. Y.	May 13
May 20	Greenwich, N. Y.	May 13
May 21	Stamford, Conn.	May 13
May 25	Iowa City, Ia.	Apr. 15
June 2	Juniata (br. Altoona), Pa.	May 6
June 8	Duluth, Minn.	May 6
June 14	New York, N. Y.	Apr. 29
July 1	Texarkana, Tex.	Apr. 22
Sept. 1	Vancouver, B. C.	Apr. 22

Buildings—Industrial

May 14	Phila., Pa.	May 13
May 15	Williamsport, Pa.	May 6
May 15	New York, N. Y.	May 13

Buildings—Educational, Religious

May 15	Lorain, O.	May 13
May 17	Dayton, O.	Apr. 29
May 17	Punta Gorda, Fla.	May 6
May 18	Corning, Ia.	May 6
May 19	Danbury, Conn.	May 6
May 20	Brighton (sta. Boston), Mass.	May 13
May 21	Portsmouth, O.	May 6
May 25	Underwood, Ia.	May 6
May 25	Oakland, Calif.	May 6
May 25	Sioux City, Ia.	May 13
May 26	Greeley, Colo.	May 13
May 26	Chicago, Ill.	May 13
May 26	Lansing, Mich.	May 13
May 26	Waltham (Ind. br. Boston), Mass.	May 13
May 27	Iowa City, Ia.	May 6
May 31	Little Rock, Ark.	May 13
June 4	Akron, O.	May 13

Federal Government Work

May 14	Pipe Line—Wash., D. C. Adv. Apr. 15 to May 13.	Apr. 15
May 17	Storehouse—Baltimore, Md.	May 13
May 18	Recreation—Augusta, Ga.	Apr. 15
May 18	Generators—Wash., D. C.	Apr. 22
May 18	Curbs, etc.—Camp Custer (Br. Battle Creek), Mich.	Apr. 29
May 18	Extension—Anderson, Ind.	May 6
May 18	Refrigeration and Ice Making Machinery—Rutland Height, Mass.	May 13
May 19	Mezzanine—Great Lake (br. Waukegan), Ill.	May 13
May 20	Levees—New Orleans, La.	May 13
May 20	Current Retards—Missouri	May 13
May 24	Dam—Fort Meade, S. O.	May 13
May 24	Dredging—Washington	May 13
May 25	Needle Valves—Oregon	Apr. 29
May 25	Dredging—Michigan Adv. May 6 and 13.	May 6
May 25	Sand, etc.—Illinois Adv. May 13.	May 13
May 25	Road—California	May 13
May 26	Generator Sets—Pearl Harbor, T. H.	May 13
May 27	Remodeling—Lynn, Mass. Adv. May 13.	May 13
May 27	Sewer—Wash., D. C.	May 6
May 29	Dwellings — Nashville, Tenn.	May 13
June 1	Steel Barges—Memphis, Tenn. Adv. May 6 and 13.	May 6
June 1	Pier—Charleston, S. C. Adv. May 6 and 13.	May 6
June 7	Operating Machinery—Louisville, Ky. Adv. May 13.	May 13
June 9	Compass Station — Empire, Ore.	May 13
June 8	Hospital, etc.—North Chicago, Ill. Adv. May 6 and 13.	May 6
June 9	Gates—Pittsburgh, Pa. Adv. May 13.	May 13
June 9	Boilers — Terre Haute, Ind. Adv. May 13.	May 13
June 21	Hospital, etc.—Palo Alto, Calif.	May 6
July 7	Motors, etc.—Wash., D. C. Adv. May 13.	May 13
July 15	Dredging—Hawaii Adv. May 13.	May 13

Unclassified

May 15	Heating, etc.—London, Ont.	Apr. 29
May 17	Foundations, etc. — Hull, Mass.	May 13
May 18	Cable—Hartford, Conn.	May 13
May 18	Signal System—Buffalo, N. Y.	Apr. 1
May 18	Borings—Phila., Pa.	May 6
May 19	Heating, etc.—Buffalo, N. Y.	May 6
May 19	Fire Alarm System, etc.—Utica, N. Y.	Apr. 29
May 21	Timber Piles, etc.—Albany, N. Y. Adv. May 13.	May 13
May 24	Ornamental Lighting System—Los Angeles, Calif.	May 13
May 25	Stadium—Austin, Tex.	May 6
May 26	Heating, etc.—Kings Park, N. Y. Adv. May 6 and 13.	May 6
May 28	Waterproofing Standpipe, etc.—Walpole, Mass.	Apr. 29
May 31	Wharf—Mobile, Ala. Adv. Apr. 29 to May 13.	Apr. 29
June 3	Heating and Sanitary Work—Raybrook, N. Y. Adv. May 13.	May 13

Materials

May 14	Lumber—New York, N. Y.	May 6
May 17	Ties—Columbus, O.	May 13
May 17	Coal Tar Patching — Boston, Mass.	May 13
May 17	Castings — New York, N. Y.	May 13
May 17	Conduit Pipe — Kenosha, Wis.	May 13
May 18	Road Oil and Tar — Minnesota	May 6
May 18	Gravel—Louisiana	May 13
May 21	Refined Tar—Minneapolis, Minn.	May 13
May 21	Rails, etc.—Phila., Pa.	May 13
May 25	Cement Blocks—Albany, N. Y. Adv. May 13.	May 13

News of New Work

Waterworks

Proposed Work

Pa., Duquesne — Soon takes bids rein.-con. reservoir, 145 ft. diam. and 18 ft. high, with concrete slab roof. $100,000. R. Dell, city engr.

Va., Luray — Making plans pumping water from spring and new reservoir. $100,000. G. H. Massey, Dickson Bldg., Norfolk, engr.

Tenn., Portland—Plans new waterworks, incl. mains, steel storage tank, etc. $40,000.

O., Massillon — City Council soon takes bids extending mains in various streets. $121,750. C. E. Rice, Massillon, engr.

Mich., Detroit—Dept. Water Supply, making plans improving waterworks incl. 20 m.g. clear water reservoir, tunnels and connections with present system at Water Works Park. $900,000. G. H. Fenkell, 176 East Jefferson Ave., gen. mgr.

Mich., Wayne—Michigan Investment Co., made plans water distribution system, including 9,060 ft. 6 in. c.i. mains, valves, hydrants, etc., for Harroun Park subdivisions. $20,000. Hubbell, Hartgering & Roth, 2640 Buhl Bldg., Detroit, engrs

Ill., Highland Park — Plans distribution system in west side new annexed territory. $250,000. Windes & Marsh, Winnetka, engrs.

Ill., Winnetka — Making plans waterworks for Alles and Daughaday subdivision. $67,000. Windes & Marsh, Winnetka, engrs.

Kan., Geneseo — Making preliminary plans new waterworks. $35,000. E. T. Archer & Co., 609 New England Bank Bldg., Kansas City, Mo., engrs.

Mo., St. Louis—Water Dept. making preliminary plans improving with rein.-con., brick and stone superstructures of boiler house, coal receiving house, pumping plant, and intake house at Howards Bend Plant, St. Louis Co., $1,000,000; also constructing grit and mixing chambers and settling basins, $1,000,000. A. Pritchard, City Hall, dir. Pub. Utilities.

Texas—D. Reinstra & associates, Nederland, making preliminary surveys, etc., waterworks system in Nederland and Port Neches. $35,000-$40,000 each. G. O'Neil, 2906 Maple St., Dallas, engr.

Tex., Childress — Election soon $35,000 bonds, extending waterworks. Address Mayor.

Okla., Clinton—Election in June to vote on bonds, 16 mi. 16- to 20-in. mains, dam, reservoir, filtration plant, etc. Benham Eng. Co., 512 Gumbel Bldg., Kansas City, Mo., engrs. Noted Apr. 21.

Okla., Covington — Voted $35,000 bonds for waterworks extensions. C. A. Wood, Stillwater, engr. Noted Apr. 29.

Okla., Jennings — Making preliminary plans extending 12,300 ft. 4- to 8-in. c.i. mains in various streets. $20,000. A. W. Rogers, mayor. Engineer not announced.

Okla., Mill Creek — Making preliminary plans new waterworks. $40,000. T. D. Lane, mayor. Engineer not selected.

Calif., Palo Alto—Voted $200,000 bonds, extending water system. J. F. Bxybee, Jr., city engr.

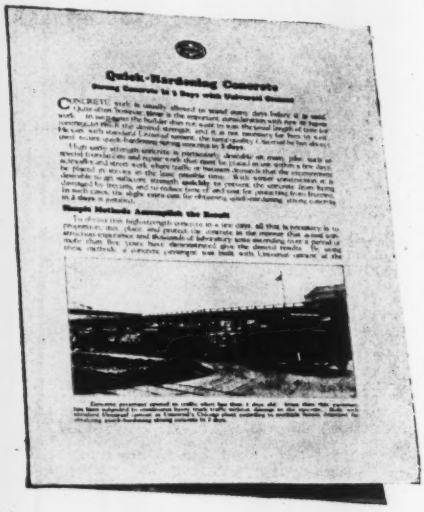
Calif., Sacramento — Making estimates extending filter beds at filtration plant (probably 8 new filters). $300,000 or more. H. C. Bottorff, city mgr.

Calif., Santa Ana — Orange Co. made plans 100,000 gal. elevated steel tank, 6,720 lin.ft. 4 and 6 in. c.i. pipe, 1,000 lin.ft. 2 in. steel pipe, deep well pump, etc. W. K. Hillyard, Santa Ana, engr.

THESE reports are grouped under each class (water-works, sewers, etc.) and under each stage of the work (proposed, bids desired, etc.), according to the following geographic sections: New England, Middle Atlantic, South, Middle West, between Mississippi and Rocky Mountains, Far West, and Canada.

Where name of official is not given inquiries should be addressed to City Clerk, County Clerk, or corresponding official.

See classified index on bids wanted on page 291


Quick-Hardening Concrete

For Rush Work

Strong Concrete in *3 Days*

On many of your rush jobs you do not like to wait the weeks usually required for concrete to reach the desired strength. You do not need to.

By using well-authenticated methods and standard *Universal* cement, the same quality *Universal* regularly used, you can obtain *strong* concrete in *3 days* and at the same time get a concrete that is much better and much stronger forever after.

The folder shown above explains the methods for obtaining this *time*-saving, high early strength concrete with standard *Universal* cement. A copy will be sent promptly upon request to

Universal Portland Cement Co.

Chicago Pittsburgh Minneapolis Duluth Cleveland Columbus New York

Concrete for Permanence

Waterworks (Continued)

Calif., Ventura — Ventura Co. Water Works Dist. 2, voted $35,000 bonds, improving waterworks. C. W. Petit, Ventura, co. surv. Noted Apr. 1.

Bids Desired

Pa., Blairsville—May 25, by Boro Council, Municipal Bldg., 50 North Spring St., T. C. North, mgr., furnishing 10 in. Universal c.i. and 10 and 12 in. bell and spigot pipe, valves, etc., also installing above; adv. E. N.-R. May 13.

W. Va., Wheeling—May 25, by City, H. C. Lane, city clk., c.i. pipe and fittings, fire hydrants, etc. J. N. Chester, Engineers, Pittsburgh, Pa., engrs.; adv. E. N.-R. May 13.

S. C., York—May 27, by Town Clerk, 1 m.g. purification plant, 1 earth dam, 150,000 gal. steel tank on 125 tower, 25,000 gal. steel tank on 35 ft. tower, 19,000 ft. 6- to 10-in. c.i. and 12,000 ft. 8-in. vitr. clay pipe. Carolina Eng. Co., 917 Johnson Bldg., Charlotte, N. C., engrs.

Ill., Lansing — May 18, by Bd. Local Impvts., 4,250 ft. 6 in. c.i. mains Ashdown, Williams & Co., 1530 Halsted St., Chicago Heights, engrs.

Wis., Appleton—May 17, by Water Comn., F. R. Morris, secy., furnishing two hundred to three hundred 2 in. disc water meters.

Wis., Kohler—May 17, by W. Nesemann, village clk., 8,900 ft. 6 in. c.i. mains in various streets. To exceed $15,000. J. Donahue Eng. Co., 608 North 8th St., Sheboygan, engrs. Noted Apr. 22.

Wis., Menomonie — May 15, by F. W. Rowe, city clk., 225,000 gal. rein.-con. saucer type reservoir, 48 ft. inside diam. and 17 ft. deep. To exceed $15,000. Noted Apr. 22.

Wis., Milwaukee—May 20, by Dept. Pub. Wks., R. E. Stoelting, comr., wrecking buildings west of engine room, etc., and constructing 60 x 176 ft., brick, concrete and steel addition to North Point Pumping Station. $400,000.

Que., St. Lambert — May 17, by City Council, pumping equipment, etc. Former bids rejected.

Bids Received

Pa., Phila.—Comrs. Fairmont Park, 127 City Hall, May 7, air lift pumping equipment at aquarium, East Fairmont Park, from Roberts Filter Mfg. Co., Darby, $4,480. Noted May 6.

California—State Hy. Comn., Sacramento, Apr. 26, widening and asphaltic concrete surfacing 2.8 mi. road between point 1 mi. south of Delano and north boundary, Kern Co. from Warren Constr. Co., Poplar and 28th Sts., Oakland, $49,419; also concrete widening and asphaltic concrete surfacing 5.1 mi. road between Santa Barbara and Goleta, Santa Barbara Co., from Cornwall Constr. Co., 227 Equestrian St., Santa Barbara, $134,709. Noted Apr. 8 and 15.

Contracts Awarded

Mass., Falmouth — Water Comrs., 6 mi. mains in various streets, to J. H. McCusker & Son, 62 Church St., Waltham. Engrs. est. $15,000 or more. Noted Apr. 15.

N. Y., Kingston—Bd. Water Comrs., City Hall, c.i. pipe Contr. A, to B. Nicoll & Co., 294 Madison Ave., New York City, $62,115, and valves, Contr. B, to Michigan Valve Co., 3631 Parkinson Ave., Detroit, Mich., $4,536. Noted Apr. 8.

N. Y., Nyack—Bd. Village Water Comrs., W. P. Bugbee, clk., improving waterworks, to J. L. Bried, West St., Englewood, N. J., $65,478; filter equipment, to J. E. Williams, New York City, $18,350; machinery, to Turbine Equipment Co., 30 Church St., New York City, $8,068; and tank and tower, to Tippet & Wood, Phillipsburg, N. J., $3,195. Grand total $95,091. Noted Apr. 8.

Ga., Atlanta—Waterworks improvements, incl. chemical house, mixing basin, 48 x 68 in. c.i. pipe, etc., to J. R. Cothran, Candler Bldg. Engrs. est. $140,000.

Mich., Detroit—Dept. Water Supply one hundred-fifty 12 in. D.W.S. gate valves, to Michigan Valve & Fdry Co., 3631 Parkinson Ave. at $60.15 each; also fifty 16 in. and twelve 24 in. D.W.S. gate valves to Fells Brass & Machine Wks., Chicago, Ill., at $150 and $500 each respectively.

Ill., Chicago — Dept. Pub. Wks., City Hall, 48 in. c.i. pipe and fittings for Western Ave. Pumping Station, 49th St. and Western Ave., to Crane Co., 836 South Michigan Blvd., $78,709. Noted Apr. 15.

Tex., Corsicana—J. P. Welch, city secy., 32,560 ft. 8- to 36-in. mains in various streets to Agar & Gentry, San Benito, $39,-970.

Okla., Okmulgee — A. Baker, comr. Finance, new water supply, incl. dam, etc., to A. A. Davis & Co., Grain Exch. Bldg., Oklahoma City, $277,070. Noted Apr. 29.

N. D., Harvey—See "Sewers."

Sewers

Proposed Work

N. J., Hawthorne (Ind. br. Paterson)—Takes bids about July 1, sewerage system. $512,000. H. J. Harder, 129 Market St., Paterson, engr. Noted Mar. 12.

Pa., Johnstown—Plans to issue $350,000 bonds, of which $235,000 to be used, extending sanitary sewer sub-mains in Walnut Grove and Central Ave., and balance for repaving work. H. L. Wilson, city engr.

O., Canton — Making plans sanitary sewers, etc. in Lake Blvd. N. W., 9th, 10th, 11th and 12th Sts. $100,000. W. E. Sarver, City Hall, engr.

O., Delaware—G. B. Gascoigne, sanitary engr., Leader News Bldg., submitted report sewage disposal plant for city. $200,000.

Mich., Detroit—Made plans 1,671 ft. 12- to 18-in. vitr. sewer in Lateral 4513, and 709 ft. in Lateral 4586; 1,833 ft. 12- to 20-in. in Lateral 4514 and 2,027 ft. in Lateral 4587; 460 ft. 15- to 18-in. in Lateral 4537; 2,507 ft. 12- to 24-in. in Lateral 4562, 12,-197 ft. in Lateral 4579, 13,463 ft. in Lateral 4580, 13,548 ft. in Lateral 4581, 2,916 ft. in Lateral 4588 and 3,936 ft. in Lateral 4589; 1,111 ft. 15- to 20-in. in Lateral 4566; 1,310 ft. 18- to 24-in. in Lateral 4568; 10,-427 ft. 12- to 33-in. in Lateral 4576; and 616 ft. 18- to 20-in. in Lateral 4592. P. A. Fellows, city engr.

Ill., Highland Park—Making plans sewers in west side new annexed territory. $450,-000. Windes & Marsh, Winnetka, engrs.

Ia., Burlington — Made plans and soon takes bids 5 to 6 ft. rectangular shape concrete and rein.-con. storm sewers in various streets. $100,000 bonds voted. Burns & McDonnell Eng. Co., 401 Interstate Bldg., Kansas City, Mo., engrs.

Ia., Washington—Making plans 33,849 ft. 8- to 24-in. sewers, etc. in various streets. $60,000. Central Eng. Co., Muscatine, engrs.

Kan., Onago—Making preliminary surveys sanitary sewerage system. $40,000. E. T. Archer & Co., 609 New England Bank Bldg., Kansas City, Mo., engrs.

Kan., Wathena — Making preliminary plans sanitary sewerage system. $42,000. E. T. Archer & Co., 609 New England Bank Bldg., Kansas City, Mo., engrs.

Neb., Hastings — Voted $150,000 bonds, sewage disposal plant. Henningson Eng. Co., Natl. Bank Bldg., Omaha, engrs. Noted Mar. 25.

Mo., St. Louis — Soon takes bids complete sewerage system for Sect. F Ohio-Montrose Public Relief Sewer. $68,900. W. W. Horner, 300 City Hall, engr.

Tex., Childress—Election soon $100,000 bonds, sewer extensions. Address Mayor.

Tex., Haskell—Soon takes bids extending sewers in various streets and sewage disposal plant. $65,000. Douglas & Mitchell Corp. Inc., 409 Perkins-Snider Bldg., Wichita Falls, engrs.

Okla., Allen—Making preliminary plans 7 mi. new sanitary sewers in all streets. $46,000. J. P. Leonard, mayor. Engineer not selected.

Okla., Covington — Defeated $35,000 bonds, extending sewers in various streets. C. A. Wood, Stillwater, engr. Noted Apr. 29.

Okla., Coweta—Making plans new sewerage system. $50,000. W. E. Davis, Cole Bldg., Tulsa, engr. Noted Apr. 22.

Okla., Red Fork — Making plans new sewerage system. $95,000. W. E. Davis, Cole Bldg., Tulsa, engr.

Calif., Vallejo—Making plans 4,000 ft. 24- to 36-in. vitr. sewer in North Vallejo section. City and Solano Co. appropriate toward cost. F. A. Steiger, Fairfield, co. surv. Noted Jan. 29, 1925.

Ont., Crystal Beach—Plans 12,000 ft. 8 in. vitr. tile storm and sanitary sewers in various streets. $60,000. Ross & Scott, Welland, engrs.

Ont., Riverside—Plans 30,000 ft. vitr. tile and concrete storm drainage sewerage system in area from Watson to Westminster Aves. $270,000. A. Smith, Riverside, engr.

Ont., Thornbury — Reeve Hutchinson plans sewerage system. $50,000.

Ont., Toronto—East York Twp. plans 465 ft. 12 in. vitr. tile sewer in Bracebridge Ave., and 230 ft. in Cedervale Ave. $8,730, also 2,118 ft. in Lumsden Ave. $19,955; and 665 ft. 12 in. and 365 ft. 18 in. in Holborne Ave. $13,207. G. R. Jack, 443 Sammon Ave., engr.

Ont., Toronto—York Twp. plans 2,780 ft. storm and sanitary sewers in Raymond Ave. from Brummell Ave. to west end, Brummell Ave. from Raymond Ave. to north end Clinch Ave. from Brummell Ave. to west end, and Baby Point Rd. from Thornhill Ave. to Belt Line Ry. tracks. $31,055. F. B. Goedike, 40 Jarvis St., engr.

Bids Desired

Mass., North Andover (Ind. br. Lawrence)—May 15, by R. H. Ellis, engr., City Hall, 4,000 ft. various sizes c.i. sewers in various streets. $25,000.

Mass., Reading — May 14, by Bd. Pub. Wks., storm water drainage works. $15,000. Barbour & Dixon, Tremont Bldg., Boston, engrs.

Mass., Reading — May 14, by Bd. Pub. Wks., 600 ft. 8 in., 1,000 ft. 10 in., 600 ft. 12 in., 1,250 ft. 15 in., 1,125 ft. 18 in. and 220 ft. 20 in. vitr. salt glazed pipe. Barbour & Dixon, Tremont Bldg., Boston, engrs.

Mass., West Roxbury (sta. Boston) — May 19, by Dept. Pub. Wks., Boston, sewerage works in Williams and Ashland Sts., here. $25,000. J. H. Sullivan, comr.

N. Y., Akron—May 28, Bd. Sewer Comrs., W. Kelly, clk., sewerage system and disposal plant. G. C. Diehl, Inc., 577 Ellicott Square Bldg., Buffalo, engr.; adv. E. N.-R. May 13. Noted Jan. 7.

N. Y., St. George — May 19, by J. A. Lynch, pres. Richmond Boro, Boro Hall, sanitary sewer in Van Name Ave. from Heusden St. to sewer easement point 1,935 ft. southerly therefrom.

Pa., Westmont (Johnstown P. O.)—May 17, by Boro Council, H. P. Shomo, Greene St., secy., 275 ft. 4 x 4 rein.-con. box culvert, also 3,050 ft. 10- to 24-in. terra cotta storm and 9,650 ft. 8 and 10 in. terra cotta sanitary sewers, etc., in Menoher Highway, South, North and Yale Aves., Luzerne, Frances, West and Tioga Sts. O. P. Thomas, Park Bldg., Johnstown, boro engr. Noted Apr. 15 under "Streets and Roads."

S. C., York—See "Waterworks."

Ala., Selma—May 31, by City Council, 3 mi. concrete and brick sewers in various streets in East and West Selma. $250,000. W. O. Crisman, Selma, engr.

Tenn., Murfreesboro — May 20, by City Manager, and 118,710 ft. 6- to 21-in. sewers in various streets, concrete disposal plant. B. H. Klyce, 4th and 1st Natl. Bank Bldg., Nashville, engr.

O., Akron—May 20, by W. F. Peters, dir. Pub. Serv., building 170,000 ft. fill up to grade to carry outfall sewer leading to new disposal plant in Big Cuyahoga River Interceptor Subgrade, $80,000; constructing 2,627 ft. 8- to 24-in. vitr. clay sewer in Morgan Ave. $15,000, 3,030 ft. 8 in. in Hardesty Blvd. $12,300, and 2,600 ft. 8 in. in Dover St. $9,490. J. E. Root, Municipal Bldg., engr.

O., Cleveland — May 19, by Bd. Comrs. Cuyahoga Co., 8,300 lin.ft. 8- to 54-in. and 6,000 lin.ft. 8- to 36-in. sewers in vicinity Broadview and Brookpark Rds. Co. Sewer Dist. 2, Impvt. 75, Sects. "A" and "B." L. Simon, clk.

O., Cincinnati—May 17, by Director Pub. Serv., 587 ft. 24 in. vitr. clay and 1,956 ft. 33- to 51-in. brick or concrete sewer in ravine north Foley Rd. $26,700. C. O. Sherrill, City Hall, engr. Noted Feb. 11.

Mich., Detroit—May 19, by Dept. Pub. Wks., 4,207 ft. concrete sewer in Jefferson Ave. and on city property from Jefferson Ave. to Detroit River. P. A. Fellows, city engr.

Ill., Calumet Park (mail Chicago) — See "Waterworks."

Ill., Libertyville—May 18, outfall sewers and sewage disposal plant. $90,000. Former bids rejected. Kelker & De Leuw & Co., 111 West Washington St., Chicago, engrs. Noted Apr. 29.

Wis., Janesville—May 15, by H. Traxler, city mgr., 22,778 ft. 10- to 48-in. concrete sewers, etc. in various streets. C. V. Kerch, City Hall, engr.

Wis., Kohler—May 17, by W. Nesemann, village clk., 11,709 ft. 8- to 21-in. vitr. or concrete sewers in various streets. J. Donahue Eng. Co., 608 North 8th St., Sheboygan, engrs. Noted Apr. 22.

Minn., St. Paul—May 18, by A. E. Eggert, city purch. agt., constructing Trout Brook Sewerage System, Contr. B. $250,-000. G. M. Shepard, city engr.

Mo., St. Louis—June 8, by Bd. Pub. Serv. 208 City Hall, 1,365 ft. 10- to 18-in. vitr. clay sewers in Glaise Creek Dist. 25, $2,650; 12,975 ft. 8- to 48-in. vitr. clay, brick and segmental block sewers in Glaise Creek Dist. 26, $73,000; and 6,115 ft. 12- to 39-in. sewers in Sect. "F" Ohio-Montrose Sewer Dist., $59,000. Noted Jan. 7.

Tex., Haskell—May 20, by Douglass & Mitchell Corp., Inc., engrs., 409 Perkins-Snider Bldg., sewer extensions and disposal plant, here, for City. $65,000. Noted May 13.

Bids Received

Me., South Portland (br. Portland)—W. E. Brown, secy. South Portland Sewerage Dist., City Hall, constructing Sect. 2 of

SHOES

THE tractor shoes on the INDUSTRIAL type DC are large and of the close-fitting type. They present a smooth bearing surface to the ground and do not injure pavements—when it is necessary to travel on them.

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Sewers (Continued)

trunk sewer, Contr. B, from Forgione & Romano, Walnut St., high level, $102,794, and low level, $99,554. Noted Apr. 8.

N. Y., Long Island City—M. E. Connolly, pres. Queens Boro, Queens Subway Bldg., cutlet barrel stave sewer and pumping facilities at 5th Ave. near 10th St., Flushing Bay, College Point incl. pumping stations and connections between sewers, from Fischbach & Moore, Inc., 222 East 42nd St., New York City, $39,470. Noted Apr. 29.

Md., Baltimore—Mayor and City Council, May 5, constructing Presstman St. Division Drain, Storm Water Contr. 97, from Carozza-Rowe Constr. Co., 624 North Gilmor St., $479,972. Noted Apr. 22.

Wis., Wauwatosa—Bd. Pub. Wks., A. V. Brigham, secy., Apr. 30, 4,975 ft. 15- to 48-in. rein.-con. sewers in West North, Stickney, Clyde and Ludington Aves., etc., from Nevada Constr. Co., 466 Milwaukee St., Milwaukee, $46,570. Noted Apr. 22.

Wash., Seattle—Bd. Pub. Wks., from McHugh & Coluccio, 517 3rd Ave. N., sewers in 43rd Ave. S. et al., 3,575 lin.ft. 8 in. pipe at $1.74 per ft., 4,550 lin.ft. 10 in. $1.84, 3,227 lin.ft. 12 in. $2.10, 575 lin.ft. 15 in. $2.80, 185 lin.ft. 18 in. $3.50, 148 lin.ft. 24 in. $5.05, 258 lin.ft. 30 in. $7.37, 4,655 lin.ft. 6 in. side conn. $1.25, etc., total $42,-270.

Contracts Awarded

Mass., Boston—Dept. Pub. Wks., sewerage works in Colradi and Orlando Sts., Dorchester, to J. J. Conway, 19 Beethoven St., Roxbury, $14,361; and in Vose St., Hyde Park, to Zoppo & Civitarse, 48 Metropolitan Ave., Hyde Park, $16,416. Noted Apr. 22.

N. Y., Brooklyn — J. A. Guider, pres. Brooklyn Boro, Boro Hall, repairing sewer basin culverts in various streets, to Manmill Constr. Co., 2035 Douglass St., $16,520. Noted Apr. 29.

Miss., Hattiesburg—For 13,000 ft. 6- to 10-in. vitr. clay sewers in various streets, to R. T. Meyers Constr. Co., Hattiesburg, $20,043; 2 septic tanks, etc., to T. M. Crymes, Hattiesburg, $2,150. Noted Oct. 8.

Tenn., Cookeville—For 12,900 ft. 8- to 18-in. vitr. clay sewers in various streets, to W. P. Morris, Cookeville, $20,949. Engrs. est. $25,000. Noted Apr. 29.

Ill., Phoenix — Improving sewers in various streets, to E. K. Ladd, Peotone, $234,901.

Wis., Milwaukee—W. Barbeau, town clk., Sta. D, 20,268 ft. 8 in. and 1,568 ft. 15 in. vitr. or concrete sewers in various streets, for Lake Twp., to Wenzel & Henoch Constr. Co., 498 27th St. at $1.89 to $3.45 per ft. and $2.70 and $7.89 per ft. respectively.

N. D., Harvey—L. W. Miller, city aud., improving sewers and water system, to Gjellefald-Chapman Constr. Co., Forest City, Ia. $87,000. Noted Apr. 8.

Mo., St. Louis—See "Streets and Roads."

Calif., Oakland—For 5,421 lin.ft. 12- to 18-in. vitr. sewer and 25 lin.ft. 15 in. vitr. sewer with concrete jacket, etc. in portion of Chabot Rd., to Fredrickson & Watson, 354 Hobart St., $39,635. Noted Apr. 22.

Ont., Toronto — To W. E. Taylor, 22 Falcon St., vitr. tile sanitary and storm sewers in Athletic Ave. $893 and Chaplin Crescent $1,627; to National Contg. Co., 9 Garnock Ave, Oriole Parkway $7,870 and Sydenham St. $1,298; to Ruscica Bros., 84 Woodycrest Ave., lanes near Gerard St. and Hastings Ave. $2,593, Tranner Ave. $2,509, Highbourne Rd. $2,678 and Eastbourne Ave. $2,775, to Grant Contg. Co., 47 Wellington St. E., Selwood Ave. $2,390, Hubbard Ave. $13,470, Scarboro Beach Blvd. $5,680, Glenmanor Dr. $5,280, Hammersmith Ave. $5,570, and Wineva Ave. $6,480, to city, by day labor, Bondfield Ave. $1,281. Grand total $62,394.

Waste Disposal

Bids Desired

Fla., Sanford — May 17, by City Comrs., purchasing 40 ton per 10 hr. incinerator, to be completed and tested. $25,000.

Bridges

Proposed Work

Mississippi — Bd. Supervs. Harrison and Hancock Counties, Chancery Court, Bay St. Louis, rejected bids creosoted bridge over Bay of St. Louis between Bay St. Louis and Pass Christian. Will re-advertise. Noted Apr. 29.

Miss., Greenwood—Voted $65,000 bonds, bridge and approaches over Tallahatchie River.

Tennessee—State Dept. Highways & Pub. Wks., Nashville, making designs and estimates rein.-con. bridge and approaches over Rock Creek, Marshall Co. To exceed $25,000. C. N. Bass, highway comr.

Tenn., Elizabethton—Voted $40,000 bonds, bridge over Doe River, at Elk Ave.

Kentucky — State Hy. Dept., Frankfort, plans seven 50 ft. span concrete deck girder bridge over Skeggs Creek, on Jackson Highway, Barren Co.; also one 180 ft. and four 50 ft. span concrete deck girder bridge on Jackson Highway, Barren and Allen Counties. E. N. Todd, highway engr.

Illinois—State Dept. Pub. Wks. & Buildings, Div. Highways, Springfield, rejected bids Mar. 31, steel superstructure on Route 24, Sect. 14-C, Sangamon Co., 179,-066 lb. reinforcing, etc. F. T. Sheets, ch. engr. Noted Apr. 15.

Ark., North Little Rock (br. Little Rock) —Viaduct Dist. 1, c/o J. Matthews, 120 West 2nd St., Little Rock, will receive competitive sketches from engineers on May 18, 1,300 ft. rein.-con. viaduct, 60 ft., with 40 ft. roadway and 10 ft. sidewalks, spanning 8 tracks Missouri Pacific R.R. and 1 of Chicago, Rock Island-Pacific R.R. $300,000. Engineer not selected.

Tex., Clarksville — See "Streets and Roads."

Calif., Los Angeles — Voted $1,900,000 bonds, constructing 4 new viaducts and renewing 10 existing bridges.

Ont., St. Thomas — City and Elgin Co. plan repairing concrete and steel bridge on Wilson Ave. $25,000. W. C. Miller, City Hall, and J. A. Bell, County Bldg., engrs.

Bids Desired

New York—May 25, by T. F. Farrell, comr. Canals & Waterways, Dept. Pub. Wks., 55 Lancaster St., Albany, highway bridge across Glens Falls feeder Canal, at Glen St., Glen Falls, Contr. M-19, and highway bridge over same canal, at Pearl St., Hudson Falls, Contr. M-20; adv. E. N.-R. May 13.

Pa., Mercer—June 1, by Comrs. Mercer Co., Bridge 1802, Pymatuning Twp., and Bridge 1012, Perry Twp., etc. F. P. Graham, Grove City, co. engr.; adv. E. N.-R. May 13

Pa., Washington — See "Streets and Roads."

South Carolina—See "Streets and Roads."

Fla., Jacksonville—June 1, by F. Brown, clk., Duval Co., Court House, constructing Big Six Mile Creek and Trout Creek Bridges, on Kings Rd. 3. T. B. Carrick, 305 Court House, co. bridge engr.; adv. E. N.-R. May 13.

Ill., Maunie—See "Contracts Awarded."

Wisconsin—See "Streets and Roads."

Calif., Santa Cruz—June 1, by State Hy. Comn., Sacramento, constructing two 8 x 10 ft. rein.-con. box culvert extensions 14 ft. long, between Boulder Creek and California Redwood Park at Hess Brook; 6 x 8 ft. rein.-con. box culvert, 64 ft. long, at Maddocks Creek; 20 ft. span rein.-con. girder bridge across Boulder Creek; and 4 x 4 ft. rein.-con. box culvert, 86 ft. long, at unnamed creek. R. M. Morton, Forum Bldg., Sacramento, engr.

Bids Received

Louisiana—State Hy. Dept., Baton Rouge, Apr. 29, 80 ft. low riveted concrete and steel Leathermans Creek Bridge, 1 mi. south Athens, on Arcadia-Homer Highway, Federal Aid Project 85-D, Claiborne Parish, from Kulze Hampton Co., Fordyce, Ark., $19,209; also reconstructing and repairing Calcasieu River Bridge, at Lake Charles, on Lake Charles-West Lake Highway, State Aid Project 461, Calcasieu Parish, from Austin Bridge Co., 1813 Clarence St., Dallas, Tex., $180,460. Noted Apr. 8.

Illinois—Dept. Pub. Wks. & Buildings, Div. Highways, Springfield, May 5, one 30 ft. and two 40 ft. concrete girder bridges and substructure for 70 ft. steel span bridge on Route 13, Sect. 16-B, Perry Co., from G. H. Goodlink, Lawrenceville, $14,346; one 70 ft. steel superstructure on Route 13, Sect. 16-C, Perry Co., 51,380 lb. reinforcing, etc., from Vincennes Bridge Co., Vincennes, Ind., $3,964; and one 160 ft. steel superstructure on Route 24, Sect. 14-C, Sangamon Co., 179,-060 lb. reinforcing, etc., from Illinois Steel Bridge Co., Jacksonville, $11,627. Noted Apr. 29.

Texas—See "Streets and Roads."

Tex., Cameron—Milam Co., bridges on Highway 43, Federal Aid Project 494-A, from Davis-Pace Co., 1306½ Young St., Dallas, $71,000.

California—State Hy. Comn., Sacramento, 180 ft. open spandrel arch and four 32 ft. girder approach span rein.-con. bridge over Smith River, near Adams Station, Del Norte Co., from Smith Bros., Eureka, $39,-274. Engrs. est. $39,578. Noted Apr. 8.

Contracts Awarded

Maine — State Hy. Dept., Augusta, constructing Baileys Island Bridge in Harpswell, to F. W. Carlton, Woolwich, $103,570; Hobart St. Bridge in Edmunds, to Burbee Constr. Co., Gardiner, $37,602; Handy Brook Bridge in Readville, to Town of Readville, $2,419; Mill Bridge in Stetson, to Smith & Tweedie, Westfield, $4,759; Toddy Pond Bridge in Orland, and Woodman's Bridge in Searsmont, to Green & Wilson, Waterville, $4,752 and $10,964 respectively; Butler Bridge and Great Works Bridge in New Portland, to U. Netivier, Rumford, $9,315 and $9,972 respectively. Grand total $183,353. Noted May 6.

North Carolina — State Hy. Dept., Raleigh, rein.-con. bridge on Project 244, Jones Co., to E. A. Wood & Co., Andrews, $44,688. Noted Mar. 18.

South Carolina—See "Streets and Roads."

Fla., St. Petersburg — Snell Isles & Shores Acres Companies, 300 ft. concrete bridge, Smacks Bayou, to E. W. Coons Co., Hibbing, Minn., $100,000.

O., Cincinnati — Comrs. Hamilton Co., Court House, 2 span, 78 ft. concrete girder bridge, on Red Bank Rd., to United Constr. Co., 3342 Burnet Ave., $16,979. Engrs. est. $25,000. Noted Mar. 25.

Illinois—State Dept. Pub. Wks. & Buildings, Div. Highways, Springfield, one 150 ft. span steel superstructure, incl. temporary road and bridge, Route 1, Sect. 2-C, Iroquois Co., 160,030 lb. reinforcing, etc., and steel superstructure on Route 43-A, Sect. 2-C, Menard Co., 1,444,910 lb. reinforcing, etc., to Vincennes Bridge Co., Vincennes, Ind., $22,480 and $88,389 respectively, rein.-con. bridge on Route 38, Sect. 3-B, and 3 rein.-con. bridges on Route 38, Sect. 6-B, Jersey Co., to Tritt Bros., Belleville, $20,092; rein.-con. bridge on Route 13, Sect. 4-B, Saline Co., to Riley & Tanner, Stonefort, $9,150; rein.-con. bridge on Route 43-A, Sect. 2-B, Menard Co., to I. D. Lain, Bloomington, $30,741; and sidewalks on bridge Route 36, Sect. 10-D, Adams Co., to H. L. Roberts, Rushville, $1,971. Grand total $332,853. Noted Apr. 15.

Ill., Maunie—Louisville & Nashville R.R. Co., Louisville, Ky., W. H. Courtnay, ch. engr., will build rein.-con. and steel bridge, here, by day labor, fabrication steel spans for same, to Amer. Bridge Co., Frick Bldg., Pittsburgh, Pa. $200,000.

Wisconsin—See "Streets and Roads."

Kan., Eldorado—Butler Co., one 150 ft. span, marsh arch bridge, 26 ft., 20 ft. roadway, and 6 ft. sidewalk, 57,336 lb. structural steel, 73,618 lb. steel bars, etc., here, to Western Bridge Co., Harrisonville, Mo., $34,768. Noted Apr. 1.

South Dakota—State Hy. Dept., Pierre, **(F. A. P. means Federal Aid Project and S. A. P. means State Project)**, to Pioneer Bridge Co., Mitchell, bridges on F. A. P. 158-B, Clay Co. $53,310, F. A. P. 162-C, Jackson Co. $26,606, 185-F, Jones Co. $7,213, and 206-B, Butte Co. $20,624; to Iowa Bridge Co., Des Moines, Ia., bridges on F. A. P. 183-B, Spink Co. 4,310; to W. A. Barnhart Constr. Co., Salem, F. A. P. 191-E, Kingsbury Co. $2,286, and 194-B, Hand Co. $3,460; to Diamond Eng. & Constr. Co., Grand Island, Neb., F. A. P. 194-C, Brule Co., $13,701; to Western Bridge & Constr. Co., Omaha, Neb., S. A. P. 133, Moody and Minnehaha Counties, $21,000; and to M. A. Stump, Mobridge, S. A. P. 42, Corson Co., $11,047. Grand total $163,557. Noted Apr. 15.

Tex., Boston—See "Streets and Roads."

Tex., Huntsville — See "Streets and Roads."

Tex., Sweetwater — See "Streets and Roads."

Calif., San Pablo — State Hy. Comn., Forum Bldg., Sacramento, three 34 ft. span, rein.-con. bridge over San Pablo Creek, here, to R. B. McKenzie, Gerber, $20,650. Engrs. est. $21,710. Noted Mar. 18.

Railways

Proposed Work

Texas—Panhandle & Santa Fe Ry. Co. (subsidiary of Atchison, Topeka & Santa Fe Ry. Co., C. F. W. Felt, ch. engr., 80 East Jackson Blvd., Chicago, Ill.), plans approximately 30 mi. branch line in Carson and Hutchinson Counties, here.

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Cleveland Brick & Clay Company
Cleveland, Ohio
Clydesdale Brick & Stone Co.
Pittsburgh, Pa.
Coffeyville Vitrified Brick & Tile Co.
Coffeyville, Kans.
Collinwood Shale Brick Company
Cleveland, Ohio
Corry Brick & Tile Company
Corry, Pa.
Francis Vitric Brick Company
Boynton, Okla.
Georgia Vitrified Brick & Clay Co.
Augusta, Ga.
Globe Brick Company
East Liverpool, Ohio
Hisylvania Coal Co.
Columbus, Ohio
Hocking Valley Brick Company
Columbus, Ohio
Independence Paving Brick Co.
Independence, Kans.
McAvoy Vitrified Brick Company
Philadelphia, Pa.
Metropolis Paving Brick Co.
Pittsburg, Kansas
Metropolitan Paving Brick Co.
Canton, Ohio
Mineral Wells Brick Co.
Mineral Wells, Texas
Moberly Paving Brick Company
Moberly, Mo.
Murphysboro Paving Brick Co.
Murphysboro, Ill.
Nelsonville Brick Co.
Nelsonville, Ohio
Peebles Paving Brick Company
Portsmouth, Ohio
Peoria Brick & Tile Company
Peoria, Ill.
Purington Paving Brick Company
Galesburg, Ill.
Southern Clay Mfg. Company
Chattanooga, Tenn.
Springfield Paving Brick Company
Springfield, Ill.
Sterling Brick Company
Olean, N. Y.
Streator Clay Mfg. Company
Streator, Ill.
Thornton Fire Brick Co.
Clarksburg, W. Va.
Thurber Brick Company
Ft. Worth, Texas
Toronto Fire Clay Company
Toronto, Ohio
Trinidad Brick & Tile Company
Trinidad, Colo.
Veedersburg Paver Company
Veedersburg, Ind.
Western Shale Products Company
Fort Scott, Kans.
Westport Paving Brick Company
Baltimore, Md.

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Excavation, Drainage, Irrigation, Levees, River and Harbor

Proposed Work

Miss., Bay St. Louis—Hancock Co. Road Protection Com., R. C. Engman, chn., making preliminary plans for 11 mi. seawall, incl. Waveland Wall and extending to Bayou Caddo, and connecting Bay St. Louis seawall on North and Bay Ladosse near south of Jordan. J. W. Billingsley, Interstate Bldg., New Orleans, La., engr.

Mo., Cape Girardeau — Supervs. Little River D.D., rejected bids Apr. 19, concrete spillway, 2,500 cu.yd. excav., 8,000 ft. sheet piling, 160 cu.yd. slope paving, etc. Will readvertise. Morgan Engr. Co., 622 Goodwyne Institute, Memphis, Tenn., engr. Noted Apr. 8.

Tex., Port Arthur — Election June 15, $50,000 bonds shell revetment on banks Sabine-Neches Canal. O. M. Bower, city engr.

Calif., Long Beach — Plans deepening 2,900 ft. connecting channel between Long Beach and Los Angeles Harbors 32 ft. deep. $125,000 or more.

Bids Desired

Mass., Falmouth—May 20, by Dept. Pub. Wks., Div. Waterways, Boston, 402 lin.ft. creosoted timber breakwater at entrance West Falmouth Harbor. $25,000. W. F. Williams, comr.

N. Y., Albany—June 4, by T. F. Farrell, comr. Canals & Waterways, stone breakwater, etc., at Sylvan Beach, Erie Canal-Sect. 5, Contr. 233; adv. E. N.-R. May 13.

New Jersey—May 27, at office Bd. Commerce & Navigation, State House, Trenton, V. Gelineau, dir., dredging Inland Waterway Channel from Atlantic City through Great Bay to Grassy Channel near New Inlet, Atlantic Co.; adv. E. N.-R. May 13.

Fla., Bradentown—May 31, by M. D. McElroy, secy. Bd. Supervs. Manatee Valley D. D., Manatee Co., 32 Giddens Bldg., Tampa, constructing mains and laterals, etc., 392,374 cu.yd. excav. $40,000. McElroy Eng. Co., 32-34 Giddens Bldg., Tampa, engr.

Mo., St. Louis — June 15, by Bd. Pub. Serv., 208 City Hall, approximately 7,500 ft. revetment work in Missouri River at Howards Bend Waterworks, St. Louis Co. $150,000. J. Pritchard, City Hall, dir.

Contracts Awarded

N. Y., Long Island City—M. E. Connolly, pres. Queens Boro, Queens Subway Bldg., rip-rap embankment, outside and adjacent to timber bulkhead along Beach Channel Dr. from Beach 130th to 141st Sts., to Vouker Contg. Co., 17 State St., New York City, $48,950. Noted Apr. 8.

Miss., Sardis—Comrs. Sand Bayou D.D., drainage work, to J. L. McWilliams, Exch. Bldg., Memphis, Tenn., at $0.14 per cu.yd. Noted Apr. 1.

Streets and Roads

Proposed Work

Connecticut—See "Unclassified."

Pa., Bristol—Rejected bids concrete paving, etc., 8,000 ft. Otter, Mill and Radcliffe Sts. Will readvertise. Noted Apr. 8.

Pa., Johnstown—See "Sewers."

W. Va., Morgantown — Grant Dist., Monongalia Co., voted $465,000 bonds, improving roads. A. J. Baritell, Morgantown, co. engr.

W. Va., Richwood—Election in June $70,000 bonds, improving various streets. J. Bennett, street comr.

Ga., Atlanta—Plans concrete paving 2 mi. Marietta Rd. $50,000.

Fla., Tampa—Plans granite curbing and vitr. brick paving and repaving Highland Ave. from Keyes to 26th Aves., and Lee St. from Parker to Bay Sts., $29,572; 34th St. from 21st to 30th Aves., $55,448; Grand Central Ave. from Magnolia to Plant Aves., $28,867; Morgan St. from Whiting to Water Sts., $39,931; 2nd Ave. from 13th to 22nd Sts., $90,319; Jefferson St. from Polk to Whiting Sts., $59,107; Jefferson St. between Whiting and Cumberland Aves., and Bay St. from Lee to Platt Sts., $33,400; also Jefferson St. from Cumberland to Water Sts., $28,135. R. D. Martin, City Hall, engr.

Miss., Laurel—Making preliminary plans grading, curbing and paving 5th Ave. from 13th and 15th Sts., Magnolia St. from Queen to Holmes Sts., South 5th St. from Van Buren to Jefferson Sts., and 3rd Ave. from 10th to 15th Sts. To exceed $25,000.

Tennessee—State Dept. Highways & Pub. Wks., Nashville, making surveys improving 15 mi. Huntington-Gibson Co. line Rd., Carroll Co. C. N. Bass, highway comr.

Tennessee—State Dept. Highways & Pub. Wks., NaNshville, takes bids about June 11, grading, etc., 7 mi. Bartlett-Memphis Rd., Shelby Co., 5 mi. La Follette-Klysth Rd., Campbell Co., and 6 mi. road from State Aid Project 322 to Madisonville, Monroe Co.; and grading and probably asphalt on concrete paving 8 mi. National Cemetery-Manskers Rd., Davidson Co. C. N. Bass, highway engr.

Tennessee—State Dept. Highways & Pub. Wks., Nashville, plans asphalt surfacing 30 mi. Memphis-Bristol Highway, from Dickson to Tennessee River. To exceed $25,000. C. N. Bass, highway comr.

Tenn., Carthage—Smith Co. election soon $150,000 bonds, improving 11 mi. Carthage-Putman Co. line Rd. State appropriates toward cost. C. N. Bass, highway comr.

Tenn., Clarksville—Election soon $27,000 bonds paving various streets.

Kentucky — State Hy. Dept., Frankfort, takes bids in June, high type surfacing 5 mi. Owingsville-Farmers Rd. Bath Co., 7 mi. West Dixie Highway from Upton to Bonnieville Hart Co., and 2.5 mi. same highway from Horse Cave to Barren Co. line, Hart Co.; waterbound macadam, bituminous macadam or rock asphalt on limestone surfacing 9 mi. Jeff Davis Highway from Hopkinsville to Fairview, Christian Co., Franklin-Bowling Green Rd., Simpson Co. (cost not to exceed $50,000), and Bowling Green-Franklin Rd., Warren Co. (cost not to exceed $50,000); gravel surfacing 13 mi. Louisville-Paducah Rd., Crittenden Co., 9.1 mi. Louisville-Paducah Rd., Livingston Co., and 8 mi. Edmonton-Glasgow Rd., Metcalf Co.; grading 2.5 mi. Owensboro-Leitchfield Rd., and 4 mi. Utica-McLean Co. line Rd., both Daviess Co., 6.5 mi. Mayo Trail from Prestonberg to Allen Floyd Co., 5 mi. Elizabethtown-Leitchfield Rd., Hardin Co., 11 mi. Whitesburg-Hazard Rd., Knott Co., and 1.5 mi. Whitesburg-Hazard Rd., Letcher Co. E. N. Todd, highway engr.

Ky., Flemingsburg — Fleming Co. voted $300,000 bonds, improving roads.

Ky., New Castle—Henry Co. voted $400,000 bonds, improving roads.

Ky., Paducah—City and McCracken Co. voted $500,000 bonds, constructing roads. State appropriates $750,000 towards cost. Noted Mar. 4.

O., Alliance — City Council soon takes bids paving and widening Union Ave. $35,000. H. Anderson, Alliance, engr.

O., Alliance — Bd. Control soon takes bids asphalt resurfacing South Liberty Ave. from Summit to College Sts. $41,200. H. Anderson, Alliance, engr. Noted Mar. 25.

O., Cincinnati—Hamilton Co. plans improving Drake Rd. from Indian Hill Rd. to point 2,900 ft. north Shawnee Run Rd., 14,000 cu.yd. grading, 4,800 sq.yd. 6 in. tar macadam base course, and 18,900 sq.yd. 3 in. tar macadam top course, etc., $36,348. E. A. Gast, Court House, engr.

O., Columbus—Made plans grading, curbing, laying necessary sewer and water connections and paving with (a) brick (b) asphalt 407 ft. Winner Ave. from Granville St. to Mt. Vernon Ave., (a) $5,283 (b) $4,694, 2,250 ft. Campbell Ave. from Sandusky St. to Avondale Ave. (a) $37,169 (b) $33,011, 381 ft. Markison Ave. from High St. to west terminus (a) $7,628 (b) $6,899, and 503 ft. Ellsworth Ave from Columbus St. to South terminus (a) $12,696 (b) $11,680, all foregoing 24 ft., 1,005 ft. Binns Blvd. from Sullivant Ave. to Dartmoor Rd. (a) $22,016 (b) $20,106, 420 ft. Kimball St. from Mitchell St. to alley west of Belle St. (a) $8,353 (b) $6,430, 714 ft. Salisbury Ave. from Sullivant Ave to South terminus (a) $17,130 (b)$15,690, and 850 ft. Powell Ave. from Broad to Olive Sts. (a) $13,688 (b) $12,176; all foregoing 26 ft.; 949 ft. Washington Ave. from Broad to Long Sts., 33 ft. (a) $16,093 (b) $14,038; also 173 ft. Mitchell St. from Broderick to Kimball Sts., 30 ft. (a) $3,197 (b) $2,777. R. H. Simpson, city engr.

Ind., Anderson — Madison Co. making plans grading, curbing and concrete paving West 16th St. from Locust to Arron Aves., 30 ft., $20,000; and ¾ mi. Kimberling Rd. (38th St.), 28 ft., $28,000. M. A. Steele, Court House, engr.

Mich., Detroit—Making plans grading and 3½ in. sheet asphalt on 8-in. concrete paving 10,300 sq.yd. Turner Ave., $41,280; 5,360 sq.yd. Leslie St. $21,460; 11,950 sq.yd. Haverhill Ave. $47,770; 9,180 sq.yd. Hartwell Ave., $36,670; 12,670 sq.yd. Liddesdale Ave., $50,690; 8,120 sq.yd. Gitre Ave., $32,510; 3,940 sq.yd. Ferry Ave., $15,780; 2,100 sq.yd. Faircrest St., $8,600, 4,340 sq.yd. Wark St., $17,370; 1,400 sq.yd. Neal St., $6,200; 3,110 sq.yd. Kentucky Ave., $12,460; 2,700 sq.yd. Hollywood St., $10,930; 3,520 sq.yd. Milton St., $14,080; 1,700 sq.yd. Miles Ave., $6,810; 8,750 sq.yd. Welland Ave., $35,040; and 26,110 sq.yd. Northwestern Dr., $104,440. P. A. Fellows, City Hall, engr.

Ill., Glencoe — Plans concrete paving Sheridan Rd. $200,000. Windes & Marsh, Winnetka, engrs.

Ill., Graysville—Phillips Twp. voted $30,000 bonds, gravel surfacing 12 mi. roads; Burnt Prairie voted $25,000 bonds, gravel surfacing 5.25 mi. road, and Gray Twp. voted $4,000 bonds improving 1.75 mi. road, all in White Co. G. H. Brown, Carmi, co. supt.

Ill., Highland Park—Making plans concrete paving 2 mi. various streets, 19 ft., in Raimie Highlands sub-division. $100,000. Windes & Marsh, Winnetka, engrs.

Ill., Winnetka — Plans concrete paving Center St. $200,000. Windes & Marsh, Winnetka, engrs.

Wis., La Crosse—C. C. Congdon, engr., City Hall, rejected bids Apr. 23, one and two course rein.-con. paving, etc., approximately 72,000 ft. various streets, and 34,097 sq.ft. various alleys, for City. Will readvertise.

Wis., Manitowoc—A. H. Zander, city clk., rejected bids Apr. 2, paving, etc., 39,607 sq.yd. various streets. F. Alter, City Hall, engr. Will readvertise. Noted Mar. 25.

Ia., Sioux City—Plans grading, curbing and hard paving 12,450 sq.yd. Wall St. from 6th to 14th St. L. N. Hintgen, City Hall, engr.

Ia., Washington—Washington Co. election June 7th, $962,160 bonds, grading, bridging gravel surfacing, etc. 137 mi. roads. W. P. Rawn, Washington, co. engr.

Kan., Coldwater — Comanche Co. plans grading, etc. 4.593 mi. Federal Aid Project 337-A, 28 ft. L. M. Leiter, Coldwater, co. engr.

Kan., Kansas City—Wyandotte Co. making plans concrete surfacing 6.549 mi. various roads, 18 ft. To exceed $25,000. O. K. Williams, Court House, engr.

Kan., Valley Falls—Making plans paving various streets. $25,000. Shockley Eng. Co., 800 Graphic Art Bldg., Kansas City, Mo., engrs.

Mo., Mexico—Takes bids about May 15, grading, and 6 in. rein.-con. paving, etc. 11,000 sq.yd. Wade St. and Western Ave. M. M. Edwards, Mexico, engr.

Mo., St. Louis—Bd. Pub. Serv., 208 City Hall, soon takes bids Warrenite paving 16,375 sq.yd. Hartford Ave. $66,500, and 76,320 sq.yd. Kingshighway $244,000; vibrolithic concrete paving 2,180 sq.yd. Tiffany St., $14,500; amiesite paving 2,445 sq.yd. Penrod St. $18,300, 1,310 sq.yd. Adkins St. $11,300, 2,215 sq.yd. Bischoff St. $19,300, 1,125 sq.yd. 38th St. $7,950, 1,915 sq.yd. Wyoming St. $14,050 and 2,890 sq.yd. Tamm Ave. $25,960; asphaltic concrete paving 2,160 sq.yd. Wanda St., $12,700; also asphalt paving 23,160 sq.yd. 9th St. $55,000, and 9th St. between Bremen and Angelies Sts. $13,400. W. W. Horner, 300 City Hall, engr.

Ark., Bentonville — Making preliminary plans paving various streets. To exceed $25,000. Black & Veatch, 701 Mutual Bldg., Kansas City, Mo., engrs.

Ark., Helena—Soon takes bids resurfacing 9,000 sq.ft. Cherry St. L. R. Parmelee, city engr.

Tex., Anson — Jones Co. making plans bituminous macadam surfacing 15.27 mi. Highway 18, Federal Aid Project 477-C, Unit 2. $140,000. J. W. Puckett, Stamford, engr.

Tex., Anson — Jones Co. making plans bituminous macadam surfacing 17.8 mi. Highway 93 from Hamlin to intersection with Highway 30, 18 ft. $160,000. J. W. Puckett, Stamford, engr.

Tex., Bay City—Matagorda Co. making plans shell paving 2½ mi. highway from Palacios to State Military Camp, 20 ft. $30,000. E. N. Gustafson, Bay City, engr.

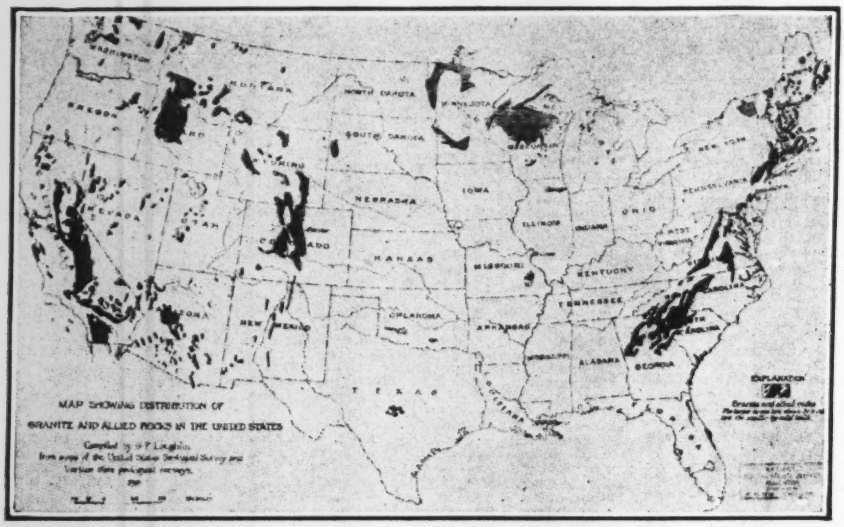
Tex., Clarksville—Red River Co. making plans grading and bridging 6.269 mi. Highway 5-A, $50,000. M. P. Homeyer, Clarksville, engr.

Tex., Hillsboro—Hill Co. takes bids after May 15, bituminous surfacing 4.85 mi. Highway 2-E, $27,400; also 3.91 mi. Highway 6, $25,000, both 18 ft. D. Morris, Waco, div. engr.

Tex., San Juan — Voted $60,000 bonds hard paving various streets. Address Mayor.

Oklahoma — State Hy. Dept., Oklahoma City, made surveys grading, etc. 8 mi. Ripley-Stillwater Rd. 18, Payne Co. $45,000. J. M. Page, highway engr.

Oklahoma—State Hy. Dept., Oklahoma City, making surveys grading, etc., 12 mi. Barnsdall-Avant Rd., and 11 mi. Avant-Skiatook Rd., both State Highway 11, 30 ft., Osage Co., $40,000 each, also 9 mi. Oil-



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Streets and Roads (Continued)

top-Shamrock Rd., 30 ft., Creek Co., $45,000; and concrete or brick surfacing 94,000 sq.yd. State Roads 1 and 6, $200,000. J. M. Page, highway engr.

Okla., Atoka—Plans grading and concrete paving 10,300 sq.yd. Main and Caddo Sts. $23,900. B. McCleen, Atoka, engr.

Okla., Carnegie—Defeated $90,000 bonds, paving various streets. Grant, Fulton & Lytton, 213 Magnolia Bldg., Oklahoma City, engrs. Noted Apr. 22.

Okla., Chandler—Making plans and takes bids latter part May, brick paving 7,500 sq.yd. various streets. $25,000. Benham Eng. Co., 512 Gumbel Bldg., Kansas City, Mo., engrs.

Okla., Elk City — Making plans brick paving various streets in new district. $100,000. Benham Eng. Co., 512 Gumbel Bldg., Kansas City, Mo., engrs. Noted Mar. 11.

Okla., Pauls Valley — Plans grading, curbing and concrete paving 12,610 sq.yd. North Chickasaw St. $38,210. W. J. Harris, city clk. Engineer not announced.

Okla., Stillwater — Plans grading and concrete paving 10,430 sq.yd. Hester, Duck and Lowry Sts. $37,319. C. A. Wood, Stillwater, engr.

Okla., Weatherford—Plans grading and concrete paving 37,400 s.qdy. Bway., State and Commerce Sts. $117,200. J. H. Fisher, Weatherford, engr.

Okla., Yale—Making preliminary plans grading and concrete paving 15,400 sq.yd. various streets in residential section. $46,000. J. L. Garrison, city clk. Engineer not announced.

Calif., Fresno—Making plans Warrenite paving, etc., Los Angeles St. between Butler Ave. and Bway. To exceed $25,000. A. M. Jensen, city engr.

Calif., Los Angeles — Los Angeles Co. making surveys, etc., constructing roadway from Glendora Mountain Rd. to San Gabriel Dam site. $100,000 or more. G. W. Jones, Los Angeles, co. road comr.

Calif., Pasadena—Municipal Impvt. Dist. 5, plans election $1,150,000 bonds, widening Holly St. between Marengo Ave. and Bway., etc. B. Chamberlain, city clk. Noted June 23.

Calif., Sacramento — Wright & Kimbrough, 817 J St., making plans grading, curbing, guttering, walks and paving, etc., section south of Y St. from Front St. easterly. To exceed $75,000.

Calif., Santa Barbara — Plans concrete paving, etc. Montana Ave. To exceed $250,000. H. B. Carter, city engr.

Ont., Chatham—Kent Co. plans concrete paving 1½ mi. various streets, near here. $40,000. W. D. Colby, Harrison Hall, engr.

Ont., Saulte Ste. Marie — Plans asphalt, macadam or concrete paving 9,000 sq.yd. various streets. $35,000. L. R. Brown, City Hall, engr.

Ont., Toronto — East York Twp. plans grading and opening 836 ft. lane between Exeter and Talbot Sts., $7,400; concrete sidewalks and 6 in. curbing 780 ft. Sammon Ave., $1,837; and curbing, guttering and asphalt paving 961 ft. Woodbine Ave., 28 ft., $21,663. G. R. Jack, 443 Sammon Ave., engr.

Ont., Toronto—York Twp. plans 12 in. brick block guttering and bituminous concrete paving 630 ft. Belvidere Ave., 24 ft., $10,030; and 2,000 ft. Beresford Ave., 28 ft., $34,380. F. B. Goedike, 40 Jarvis St., engr.

B. C., Point Grey — Municipal Council takes bids about May 21, paving Dunbar St. from 16th to 41st Aves. $60,000 bonds voted for same. W. B. Greig, 5851 West Blvd., Vancouver, engr.

B. C., Point Grey — City Council takes bids about June 11, grading various streets and lanes. $50,000 bonds voted for same. W. B. Greig, 5851 West Blvd., Vancouver, engr.

Bids Desired

Maine—May 20, by State Hy. Comn., Augusta, grading, concrete paving, etc., North Kennebunkport and Biddeford, Wells-Kennebunk, Ellsworth-Trenton, and Waterville. P. D. Sargent, ch. engr.

Mass., Athol — May 18, by Dept. Pub. Wks., Boston, bituminous macadam paving 8,429 ft. highway, here. W. F. Williams, comr.

Mass., Boston—May 20, by Park Dept., sheet asphalt or bitulithic paving Arbor Way (West Drive) and Commonwealth Ave. (Main Drive). $25,000. J. B. Shea, chn. Park Dept., 33 Beacon St.

Mass., Brookline (br. Boston)—May 17, by Bd. Selectmen, sheet asphalt or warrenite bitulithic paving Beacon St. between Park St. and Washington Sq. $25,000. Private plans.

Mass., Dartmouth — May 25, by Dept. Pub. Wks., Boston, rein.-con. paving 15,300 ft. highway, here. W. F. Williams, comr.

Connecticut—May 18, by State Hy. Dept., Hartford, rein.-con. paving roads in Greenwich, Fairfield, Rocky Hill, Windham, Norwalk, Wilton, Milford, Orange and West Haven; bituminous macadam paving in Bridgeport, Trumbull, Branford and Groton; waterbound macadam paving in Guilford and Saybrook. J. A. Macdonald, highway comr.; adv. E. N.-R. May 13.

Conn., Norwich—May 15, by Bd. Selectmen, bituminous macadam paving 9,100 ft. various streets $65,000.

New York — May 25, by A. W. Brandt, comr. highways, Albany, constructing highways in Cayuga, Chautaugua, Chenango, Niagara, Saratoga and Ontario Counties; reconstructing highways in Broome, Chautauqua, Clinton, Fulton, Montgomery, Niagara, Orleans, Oswego and Suffolk Counties; adv. E. N.-R. May 13.

N. Y., Buffalo—Taking bids asphalt repaving 1.5 mi. Front Ave., 42 ft. To exceed $40,000. J. P. Moore, City Hall, comr.

N. Y., Freeport—May 28, by Bd. Village Trustees, 50 West Merrick Rd., permanent paving approximately 67,600 sq.yd. various streets. Smith & Malcomson, Inc., 177 Olive Blvd., engrs.; adv. E. N.-R. May 13.

N. Y., Johnstown — May 17, by G. E. Yerdon, city clk., rein.-con. paving 5,627 sq.yd. Pearl, West, Yost, Veghte, Prospect and West Madison Sts. Noted May 6.

N. Y., New York—May 20, by H. Bruckner, pres. Bronx Boro, Crotona Park, 3rd and Tremont Aves., grading, curbing and sidewalks on Wallace and Edison Aves.; grading Paulding Ave.; curbing La Salle Ave.; and sheet asphalt on concrete paving and repaving East Tremont Ave.

N. J., New Brunswick—May 20, by Middlesex Co., concrete paving ¾ mi. Stelton-New Market Rd. W. F. Buchanan, 175 Smith St., Perth Amboy, engr.

N. J., Pompton Lakes—May 20, by Boro Council, J. F. Cornelius, clk., Municipal Bldg., concrete sidewalks on various streets. E. N. Millen & Son, engrs.; adv. E. N.-R. May 13.

Pennsylvania — May 20, by State Hy. Dept., Harrisburg, **(A. means Application and R. means Route)**, one course rein.-con. paving 52,751 ft. R. 41, Adams Co. and A. 3253, Cumberland Co.; 11,310 ft. R. 75, A. 4040, Butler Co.; 15,600 ft. R. 214, Sect. 1, Clarion Co.; 21,872 ft. R. 337, A. 3700 and 3915, Indiana Co.; 32,736 ft. R. 226, 285, A. 3795, 3796 and 4197, Lehigh and Berks Counties; 22,650 ft. A. 2842 and 2588, Northampton Co.; 8,055 ft. A. 3528, Somerset Co.; 8,203 ft. A. 4009, Westmoreland Co.; and 16,253 ft. A. 2003-A, York Co. W. H. Connell, eng. executive and deput secy. highways.

Pa., Clearfield—May 17, by Boro Council, J. D. Connelly, secy., concrete or 2.5 in. sheet asphalt on concrete paving, etc. approximately 3 mi. Gulick Ave. and West 1st, West 2nd, Locust, Pine, 5th, Walnut and Witmar Sts., 20 ft. E. W. Hess, boro. engr. Noted Apr. 22.

Pa., Phila.—May 18, by Dept. Pub. Wks., Bureau of Highways, grading, asphalt paving, vitr. block and redressed granite block repaving various streets and improving country roads, etc. G. H. Biles, dir.

Pa., Phila.—May 24, by Dept. Pub. Wks., Bureau of Highways, improving York Rd., Chelton and 65th Aves. G. H. Biles, dir.

Pa., Washington — May 20, by Comrs. Washington Co., rein.-con. paving 8,518 ft. Valley Inn Sect. Monongahela Pike, 7,920 ft. Burgettstown-Eldersville Rd., 8,076 ft. Canonsburg-Thomas Rd., Sect. 3, 8,584 ft. Beallsville-Zollarsville Rd., Sect. 3, and 600 ft. Taylors Run Intersection; also Patterson Mills Bridge over Cross Creek 10, Jefferson Ave. Bridge over Chartiers Creek 33, and Wylie Ave. Bridge over Chartiers Creek 56. T. J. Underwood, controller.

Pa., Westmont—May 21, by Boro Council, H. P. Shomo, Greene St., pres., improving Luzerne St., 16,000 cu.yd. excav., 15,000 sq. yd. 6 in. rein.-con. paving, 11,000 lin.ft. 6 x 24 in. concrete curb, etc. O. P. Thomas, Park Bldg., Johnstown, boro engr. Noted Apr. 15.

Maryland—May 25, by State Rd. Comn., Baltimore, macadam resurfacing 3.3 mi. Constr. W-40, Washington Co.; concrete paving 1.25 mi. Contr. P-62, Prince George Co., and 1.2 mi. Contr. T-23, Talbot Co.; graveling 1.75 mi. Contr. AA-47, Anne Arundel Co., and 2.37 mi. Contr. Sm-36, St. Marys Co.; also concrete shoulders on 3.4 mi. Contr. Ce-10-A, Cecil Co., and 3.35 mi. Contr. M-10-C, Montgomery Co. J. N. Mackall, chn.; adv. E. N.-R. May 13.

N. C., Siler City — May 26, by Mayor and Bd. City Comrs., curbing, guttering, sewers, and concrete or asphaltic paving, etc., 32,100 sq.yd. various streets. E. C. Olsen, Inc., Raleigh, engrs.

South Carolina—May 18, by State Hy. Dept., Columbia, concrete paving, etc., 20,461 sq.yd. State Route 21, State Project S-508, 6,363 sq.yd. Paris Mountain Rd., and 28,662 sq.yd. State Route 20, State Project S-618, Greenville Co., also 67,600 sq.yd. State Route 2, Federal Aid Project 49, Newberry Co.; improving 5.7 mi. State Route 8, Federal Aid Project 243-A, Spartanburg Co.; sand clay surfacing, etc., 11.5 mi. State Route 50, Federal Aid Project 266-A, Kershaw Co.; and six 15 ft. span treated timber bridge over Lightwood Creek, State Route 24, State Project S-545, Lexington Co. 9ddress State Highway Engineer, Columbia, engr.

South Carolina—May 18, by State Hy. Dept., Columbia, grading, topsoiling, etc. 9,504 cu.yd. State Route 9, State Project S-622-A, Chester Co., State Highway Engineer, 1708 Sumter St., Columbia, engr.

Florida — May 20, by State Rd. Dept., Tallahassee, clearing, grubbing, grading, etc. 14.2 mi. road in Seminole Co., 30 ft. J. L. Cresap, Tallahassee, engr. Noted May 6.

Fla., Fellsmere—June 11, by City Council, curbing, surfacing, sub-grading and paving streets. F. W. Dole, city clk.; adv. E. N.-R. May 13.

Fla., La Belle—May 28, by W. T. Hull, clk. Hendry Co., hard surfacing 3 mi. road, $45,000; and two 2½ mi. roads, $38,000 each. J. H. Caldwell, Jr., La Belle, engr.

Fla., West Palm Beach—May 19, by J. E. Bell, chn. Palm Beach Co., paving, etc., 1½ mi. road from Hosleys Point north to Martin Co. line. $30,000. A. O. Taylor, engr.

Alabama—May 19, by State Hy. Dept. Montgomery, **(F. A. P. means Federal Aid Project, and S. A. P. means State Aid Project)**, clearing, grubbing, grading, gravel, concrete and 2 in. bituminous concrete surfacing 81.3 mi. roads on F. A. P. 151 Cullman Co., S. A. P. 70-B Pickens Co., S. A. P. 23-B Dallas Co., S. A. P. 113 Winston Co., F. A. P. 157 Limestone Co., S. A. P. 67-B and S. A. P. 67-C, Macon Co., also F. A. P. 166, Monroe Co. W. A. McCalla, highway engr.

Ala., Eufaula—May 18, by City Council, curbing, guttering and paving 67,000 sq.yd. various streets. H. S. Jandon Eng. Co., Elberton, engrs.

Miss., Durant—May 24, by Mayor & Bd. Aldermen, grading, curbing, guttering and various types paving 20,000 sq.yd. West Depot, Mulberry and Magnolia Sts. Massena L. Culley, 1st Natl. Bank Bldg., Jackson, consult. engr.

Louisiana—May 20, by Hy. Comn., Baton Rouge, completing roadway embankment on 1.857 mi. Vinton-Orange Highway, Federal Aid Project 43-D, Unit 1, Calcasieu Parish, 350,000 cu.yd. earth borrow. W. B. Robert, highway engr.

O., Akron—May 24, by Comrs. Summit Co., improving Kenmore-Mogadore Rd. 44-E, 18,100 cu.yd. earth excav., 34,000 sq. yd. vitr. brick or concrete on 6 in. concrete paving, etc. Brick $178,000, concrete $133,000. H. G. Sours, Court House, engr. Noted Apr. 8.

O., Akron—June 7, by W. F. Peters, dir. Pub. Serv., walks, paving, etc. 20,200 sq.yd. Hillside Terrace, Packard Dr., Whitney, Orlando, and Peerless Aves. E. A. Kemmler, highway engr. Noted Apr. 8.

O., Bexley (Columbus P. O.)—May 19, by S. W. Roderick, village clk., grading, curbing, brick, asphalt or concrete paving Ardmore, Cassingham, Cassady and Stanwood Rds., Huhl, Columbia and Drexel Aves. $158,500. Jennings-Lawrence Co., Hartman Bldg., Columbus, engrs.

O., Cleveland—May 19, by City, grading, curbing, paving, etc., Gilbert Court S. W., Munn Rd. N. W., Oliver Rd. S. W., Woodworth Rd. N. E., Canova Ave. S. W., Currant S. W., Gifford S. W., Havel S. E. Aves., and East 22nd, East 37th, East 171st, East 172nd, West 47th, West 117th and West 152nd Sts. $250,000. R. Hoffman, City Hall, engr.

Ind., Anderson—May 15, by Comrs. Madison Co., curbing and concrete paving, etc. 1¼ mi. Locust and 1st Sts., 28 ft. $45,000 M. H. Steele, Court House, engr.

Ind., Anderson — June 15, by Comrs Madison Co., curbing and concrete paving, etc., 1 mi. Noble and 31st Sts., 28 ft. $35,000. M. A. Steele. Court House, engr.

Ind., Ft. Wayne—May 25, by Comrs. Allen Co., constructing Oetting Rd., Wayne Twp., $45,276; and Trier Seddlemeyer Rd., Adams Twp., $53,946. J. H. Johnson, aud.

Ind., Wabash—June 8, by Comrs. Wabash Co., improving highway on line between Pleasant and Paw Paw Twps. $35,992. W. Beauchamp, aud.

Michigan—May 24, by State Hy. Dept., at office Comrs. Clinton Co., Saginaw, grading 6.495 mi. Federal Aid Rd. 142. G. C. Dillman, Lansing, highway engr.

Michigan—May 26, by State Hy. Dept., at office Comrs. Alcona Co., Halpena, graveling 11.033 mi. State Rd. 72-3. G. C. Dillman, Lansing, highway engr.

Michigan—May 27, by State Hy. Dept., at office Comrs. Kent Co., Grand Rapids, concrete paving 1.607 mi. Federal Aid Rd.

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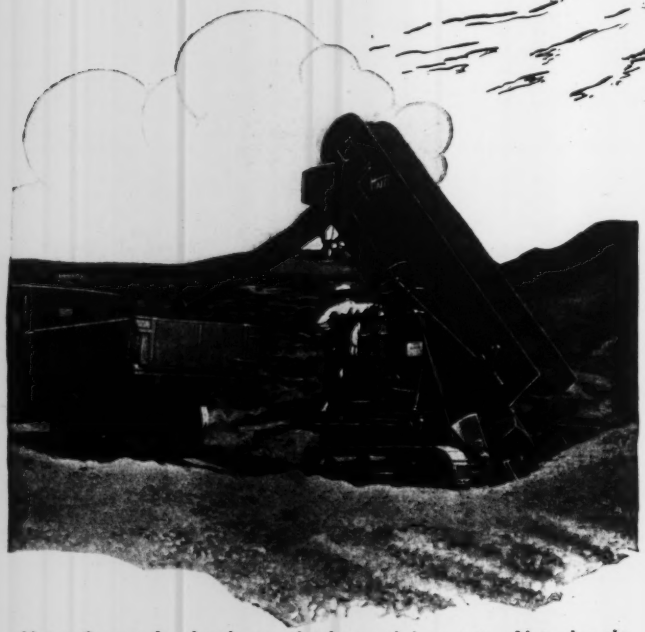

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Streets and Roads (Continued)

216. G. C. Dillman, Lansing, highway engr.

Michigan—May 27, by State Hy. Dept., at office Comrs. Kent and Mountcalm Counties, at Grand Rapids, concrete paving 4.836 mi. Federal Aid ——d. 132, Sect. D. G. C. Dillman, Lansing, highway engr.

Mich., Fruitport—May 17, by Bd. Comrs. Muskegon Co., Court House, Muskegon, grading and 6 in. concrete paving 12,800 sq. yd. 3rd Ave., here. $30,000. L. H. Nielsen, Court House, Muskegon, engr.

Mich., Fordson — May 18, by Hubbell, Hartgering & Roth, engrs., 2640 Buhl Bldg., Detroit, grading, curbing and concrete paving 4,537 sq.yd. Assessment Dist. 125, 4,571 sq.yd. Dist. 129, and 4,515 sq.yd. Dist. 130, here, for City.

Mich., Grand Haven—May 18, by Bd. Rd. Comrs. Ottawa Co., Court House, grading, 6 in. concrete surfacing, etc., 1½ mi. 3rd Ave. Rd. South of Muskegon-Ottawa Co. line, 20 ft. $45,000. C. T. Bowen, Court House, engr.

Wisconsin — May 20, at Div. Office 2, Stephenson Bldg., Milwaukee, grading, concrete paving, etc., 46,498 sq.yd. Federal Aid Project 427-A, Fond du Lac Co., and constructing Denevue Bridge, 45 ft. plate girder; Denevue Drainage Bridge, 24 ft. and Halter Bridge, 25 ft., both rein.-con. girder spans, also extending Mickeljohn Bridge, Sta. 70 plus 60.2; and grading, concrete paving, bridging, etc., 34,400 cu.yd. State Project 2667, Walworth Co. J. T. Donaghey, ch. engr.

Wis., Milwaukee—May 15, by Dept. Pub. Wks., R. E. Stoelting, comr., sheet asphalt resurfacing, etc. 8,573 sq.yd. 2nd Ave.; and asphaltic concrete on vibrolithic concrete paving, etc. 8,566 sq.yd. 35th St. J. W. Schwada, city engr.

Ia., Humboldt — May 18, at office K. J. Smith, maintenance supt., graveling primary road, 3,100 cu.yd. gravel 1 mi. haul, 23,050 units ½ mi. haul, etc.

Ia., Dakota City — May 18, by Auditor Humboldt Co., improving Secondary and Primary Projects Div. C1, S-80 and S-81, 82,500 cu.yd. excav., etc. K. J. Smith, Dakota City, co. engr.

Ia., Sibley—May 19, by Auditor Osceola Co., improving 13.7 mi. Primary and Secondary Project S-22, 9,200 cu.yd. stripping, 17,436 cu.yd. gravel, 127,459 units overhaul, etc. J. H. Turnbull, Sibley, engr.

Minnesota—May 25, by State Hy. Dept., St. Paul, grading, graveling, etc., approximately 38,400 cu.yd. State Project 6-40, Sect. 1 between Ada and Perley, Norman Co. $30,000. Eng. Dept. of owner, engr.

Minn., Minneapolis—May 24, by A. P. Erickson, aud. Hennepin Co., grading, etc., Forest Lake cutoff between Lowry Ave. and Minneapolis State Highway 1, through New Brighton. $125,000. Noted Nov. 26.

Kan., Coldwater — June 11, by Clerk Comanche Co., improving 4.593 mi. Federal Aid Project 337-A, 43,156 cu.yd. excav., 26,870 lb. reinforcing, etc. L. M. Leiter, Coldwater, co. engr. Noted May 13.

Kan., Columbus — June 4, by Clerk Cherokee Co., grading, and gravel surfacing 6.482 mi. Federal Aid Project 299-A, 18 ft., 81,186 cu.yd. excav., 36,054 lb. reinforcing, etc. H. W. Tyrrell, Columbus, co. engr. Noted Apr. 22.

Kan., Concordia — May 18, by E. J. Alexander, curbing, guttering, and concrete, rein.-con., asphalt, asphaltic concrete or brick paving 14,648 sq.yd. various streets. Haskins & Crawford, 802 Finance Bldg., Kansas City, Mo., engrs. Noted Dec. 31.

Kan., Eldorado—June 8, by Clerk Butler Co., improving 6.84 mi. Federal Aid Project 205-G, 12,861 ft. hedge, 37,608 cu.yd. excav., 29,936 lb. reinforcing, etc. E. S. Elcock, Eldorado, co. engr. Noted May 6.

Kan., Garnett—May 31, by Anderson Co., concrete and gravel surfacing incl. 30 ft. subway span on 0.173 mi. Federal Aid Project 113-C.

Kan., Olathe—June 11, by Clerk Johnson Co., grading, guttering, removing hedge, and concrete surfacing, etc. 56,484 sq.yd. Federal Aid Project 315-B. E. J. Terrill, Olathe, co. engr. Noted Mar. 4.

Kan., Salina — June 7, by Clerk Saline Co., grading, etc. 6.018 mi. Federal Aid Project 196-B, 65,537 cu.yd. excav., 208 ft. hedge, 18,832 lb. reinforcing, 4,950 lb. c.i. covers, etc.; and 6.914 mi. Sect. C, 53,262 cu.yd. excav., 2,005 ft. hedge, 20,867 lb. reinforcing, 3,300 lb. c.i. covers, etc. W. H. Cost, Salina, co. engr. Noted May 6.

Neb., Omaha—May 18, by J. P. Hoctor, city clk., paving approximately 40,000 sq.yd. in Dists. 2406, 2833, 2882, 2883, 2922, 2925, 2938, 2944, 2971, 2984, 2995, 2996, 2998, 3002, 3003, 3004, 3017 and 3033.

Mo., St. Louis — May 18, by Bd. Pub. Serv., 208 City Hall, asphalt paving, etc. 10,090 sq.yd. Glasgow St. $44,000, 9,240 sq.yd. Leffingwell St. $42,000, 39,685 sq.yd. Kingshighway $184,520, and 27,325 sq.yd. Hawthorne and Longfellow Places $108,000; Warrenite paving, etc. 3,300 sq.yd. Thekla St., $28,120; asphaltic concrete paving, etc. 1,790 sq.yd. Bowen St. $10,120, 1,005 sq.yd. Duke St. $6,320, 1,330 sq.yd. Dunnica St. $9,600, 2,720 sq.yd. Lucille St. $19,200, 985 sq.yd. Sexauer St. $7,120, 1,940 sq.yd. 37th St. $11,000, and 1,430 sq.yd. Wall St. $9,480; concrete paving, etc. 2,680 sq.yd. Cutter St. $13,720, and 720 sq.yd. Wilcox St. $6,320; also brick paving, etc. 1,155 sq.yd. Newstead St. $7,600. W. W. Horner, 300 City Hall, engr.

Mo., St. Louis — June 1, by Bd. Pub. Serv., 208 City Hall, concrete paving, etc. 4,435 sq.yd. Lowell St., $23,920; asphaltic concrete paving, etc. 1,085 sq.yd. Art Hill Pl. $9,320, 1,255 sq.yd. Frieda St. $8,400, 775 sq.yd. Hoffman St. $4,520, Hoffman St. between Tamm and Clifton Sts. $8,160, 1,865 sq.yd. Nicholson St. $11,520, 1,155 sq.yd. Winnebago St. $7,600, and 2,900 sq.yd. Shreve St. $18,600. W. W. Horner, 300 City Hall, engr.

Mo., St. Louis—June 8, by Bd. Pub. Serv., 208 City Hall, grading, concrete paving, etc., approximately 20,000 sq.yd. alleys in City Blocks 2690, 2807, 2955, 3603, 3604, 4146, 4147, 4407, 4416-B, 5135, 5323, 5506, 5528, 5554, 5559, 5569 and 5613. $55,230. W. W. Horner, 300 City Hall, engr. Noted Feb. 16.

Okla., Hennessey—May 17, by E. Brewer, city clk., grading and concrete paving 10,100 sq.yd. Oklahoma Ave. $34,440. V. V. Long & Co., 1300 Colcord Bldg., Oklahoma City, engrs. Noted Feb. 18.

Idaho — May 21, by Comr. Pub. Wks., Court House, Sand Point, improving 5.24 mi. Federal Aid Project 100-B, North and South Highway, Bonner Co., 22.39 acres clearing, 24,150 cu.yd. earth, 7,515 cu.yd. solid and 11,631 cu.yd. loose rock excav., 28,845 sta.yd. overhaul, 12,290 cu.yd. gravel surfacing, etc. P. E. Oxley, Lewiston, dist. engr.

Calif., Los Angeles—May 24, by Supervs. Los Angeles Co., grading, and 189,409 sq.ft. 6 in. and 96,874 sq.ft. 5 in. waterbound macadam paving, etc., 81 Monte St., Impvt. 260. G. Jones, Hall of Records, engr.

Calif., Los Angeles—May 24, by Supervs. Los Angeles Co., improving portions Peck Rd. and Covina Blvd., 26,018 cu.yd. excav., 584,809 sq.ft. 6- to 8-in. concrete and 10,911 sq.ft. 8 in. concrete paving, 184,409 sq.ft. 6 in. and 96,874 sq.ft. 5 in. waterbound macadam paving, etc. G. W. Jones, co. rd., comr.

Calif., Santa Cruz—Supervs. Santa Cruz Co., taking bids oil macadam paving, etc. 80,000 sq.ft. Sect. 1 East Corralitos Rd.; 55,944 sq.ft. Sect. 2 Holohan Rd.; and 64,895 sq.ft. Sect. 3 Beach Rd. L. Bowman, Santa Cruz, co. surv.

Calif., San Diego—May 24, by Common Council, improving Woolman Ave., 358,124 sq.ft. 5 in. concrete paving, 10,125 lin.ft. concrete curbing, 49,337 sq.ft. concrete sidewalk, etc. F. A. Rhodes, city engr. Noted Apr. 22.

Calif., San Rafael — May 24, by J. C. Oglesby, surv. Marin Co., grading rock surfacing, etc. 1,000 cu.yd. Novato-Hicks Valley Rd. Noted Oct. 22.

Bids Received

Maine—State Hy. Comn., Augusta, May 4, concrete paving 4.94 mi. road in Bangor, from Berini & Son, Ashland, Mass., $154,036, and 7.39 mi. in Paris, from J. McCormick Co., Providence, R. I., $301,065; bituminous macadam paving 1.81 mi. in Auburn, from Ford & Smiley, Skowhegan, $48,891, 1.08 mi. in Ft. Fairfield, from Boone & Bewer, Presque Isle, $35,694, and 1.49 mi. in Mt. Desert, from J. H. Kerr, Rumford, $47,096; graveling 5.25 mi. in Steuben, from Wyman & Simpson Co., Waterville, $93,576, 3.5 mi. in Orland-Penobscot, from Burbee Constr. Co., Gardner, $75,502, 6.88 mi. in Cornish-Limerick, from C. Haggerty, Webster, Mass., $97,751, and 5.58 mi. in Jonesboro-Whitneyville-Machias, from McCabe & Giovannini, Inc., 20 Central St., Boston, Mass. Noted Apr. 29.

Massachusetts—Dept. Pub. Wks., Boston, May 4, bituminous macadam paving highway in Sharon, from C. E. Horne, Milbury, $21,900, and 1,900 ft. in Holbrook, from Powers Bros., 161 Montello St., Brockton, $13,131; also rein.-con. paving 18,498 ft. in Somerset and Swansea, from Callan Constr. Co., 208 Franklin St., Bristol, R. I., $276,792. Noted Apr. 22.

Mass., Boston — Sheet asphalt paving Arlington St., etc., from J. A. Singarella, 110 High St., $51,776. Noted Apr. 29.

Mass., Roxbury (Boston P. O.) — Dept. Pub. Wks., Boston, Apr. 30, sheet asphalt paving Huntington Ave., here, from J. F. Kennedy Constr. Co., 6 Beacon St., Boston, $57,217. Noted Apr. 22.

Conn., Bridgeport — Grading, concrete curbing, Warrenite paving, etc., 119,500 sq. yd. various streets, from Leverty & Hurley, 500 Waterview Ave., $182,701. Noted Apr. 15.

N. Y., Brooklyn — J. A. Guider, pres., Brooklyn Boro, Boro Hall, May 5, asphalt resurfacing Chester, Clayer and other streets, from Cranford Co., 9th St., $124,688; asphalt repaving Court St., from Brooklyn Alcatraz Paving Co., Hamilton Ave., $9,483. Noted Apr. 29.

N. Y., Long Island City—M. E. Connolly, pres. Queens Boro, Queens Subway Bldg., May 4, from W. P. Macdonald Constr. Co., Lawrence St., Flushing, repaving on existing concrete Jackson Ave., $1,933, asphalt block repaving Franklin St., etc. $36,634, Jamaica Ave. from Main to Sanford Sts. $21,360, and sheet asphalt repaving Sutphin Blvd. $92,660; from Eastern Contg. Co., 367 Fulton St., Brooklyn, granite block repaving Myrtle Ave. to Cooper Ave., $221,510. Noted Apr. 29.

N. Y., Long Island City—M. E. Connolly, pres. Queens Boro, Queens Subway Bldg., May 10, grading and repaving Betts Ave. (58th St.), from Uvalde Asphalt Paving Co., Inc., 1 Bway., New York City, $51,355; grading, curbing and sidewalks on Honeywell St., etc. and grading and sheet asphalt paving 8th Ave., etc. from Welch Bros., 14 Queens St., $4,745 and $22,091 respectively; sheet asphalt repaving Astoria Ave., from W. P. McDonald Constr. Co., Lawrence St., Flushing $23,921 and 130th St. from Borough Asphalt Co., 1301 Metropolitan Ave., Brooklyn, $22,830. Noted May 6.

N. Y., New York—J. Miller, pres. Manhattan Boro, Municipal Bldg., May 10, grading, curbing, flagging and stone filled asphalt paving Riverside Dr., from Remo Realty Co., 645 East Tremont Ave., $124,173. Noted May 6.

N. Y., New York — H. Bruckner, pres. Bronx Boro, Croto a Park, 3rd and Tremont Aves., May 4, sheet asphalt on concrete paving Leland Ave. and Chislom St., from Asphalt Constr. Co., 208 Bway., $69,963 and $8,444 respectively; asphalt block on concrete repaving La Fountaine Ave., from L. De Minna, 2366 Lorillard Pl., $55,069; and granite block on concrete repaving East 152nd St., from St. George Paving Co., 90 West St., $30,582. Noted Apr. 29.

New Jersey—State Hy. Dept., Trenton, grading and concrete paving 70,256 sq.yd. Whitehorse Pike, Route 3, Sect. 13-A, from Absecon to Egg Harbor, Atlantic Co., from Comerford Constr. Co., 125 South 5th St., Phila., Pa., $313,044; and double line rein.-con. paving etc., 32,807 sq.yd. Buttzville-Belvidere Highway, Route 5, Sect. 17, Warren Co., from F. H. Smith, Hackensack, $158,440. Noted Apr. 15.

N. J., Bayonne—Hudson Co. Park Comn., Jersey City, May 3, grading at Bayonne Co. Park, from E. J. Flaherty Contg. Co., 76 Montgomery St., Jersey City, $112,770; bulkhead, from G. B. Spearing, Inc., 90 West St., New York City, $22,700; shelter, from J. Jewkes & Sons, 676 Montgomery St., Jersey City, $18,400.

N. J., New Brunswick — City, May 14, sheet asphalt paving Suydam and Bethony Sts., from Utility Constr. Co., 5 Spring St., $30,723; and Bristol and Hales Sts., from T. H. Riddle, New Brunswick, $32,572. Noted Apr. 29.

Maryland — State Roads Comn., Baltimore, concrete paving 1 mi. Contr. Ce-55, Cecil Co., from Sutton Constr. Co., Jefferson Bldg., Phila., Pa. $20,185, 2 mi. Contr. B-78, Baltimore Co., from H. D. Campbells Sons Co., Towson $65,743, 1.75 mi. Contr. Wo-37, Worcester Co., from Hanneman-Burroughs Co., Salisbury $30,800, and 1.44 mi. Contr. Wi-34, Wicomico Co., from P. D. Phillips & Bros., Salisbury $30,686; macadam resurfacing 1.2 mi. Contr. F-60, Frederick Co., from Poffinberger & Mause, Myersville $19,121, and 2.4 mi. Contr. W-45, Washington Co., from Bester, Long Co., Frederick $28,894. Noted Apr. 22.

Md., Baltimore—Bd. Awards, May 5, concrete paving 9,840 sq.yd. Contr. 338, from H. H. Hershberger, 3723 Reistertown Rd., $26,155. Noted Apr. 29.

La., Shreveport — City Council, from Southern Roads Co., Whitney Bldg., New Orleans, asphaltic concrete paving 8,696 sq. yd. Fulton St. $33,447, 2,470 sq.yd. Logan St $10,070, 1,400 sq.yd. Lavacca St. $5,108, and 912 sq.yd. Jacinto St. $3,200; from E. S. Girault, c/o City Council, 2,500 ft. cement sidewalks on Stoner Ave., at $0.155 per sq. ft.; and from Hankin Bros., Shreveport, concrete paving 545 sq.yd. alley south Common St., $2.52 per sq.yd.

O., Cleveland—City, Apr. 28, paving, etc. with (a) brick (b) asphalt (c) concrete (d) medina stone (e) granite block (f) bituminous concrete, (1) Kazimer Ave. (2) Dillewood Ave. (3) Abell Ave., (1 to 3 inclusive) involves 4,460 cu.yd. excav., 9,790 sq.yd. paving, 6,220 ft. stone curbing, etc. (4) East 30th St. "A" (5) 2 sections "B," (4 and 5) involves 3,200 cu.yd. excav., 4,100 sq.yd. paving 850 ft. stone curbing, etc. (6) East 18th St. (7) East Blvd. and

Streets and Roads (Continued)

(8) Burnside Ave. (6 to 8 inclusive) involves 7,645 lin.ft. curbing, 7,840 lin.ft. 4 in. drain tile gutter, 10,920 cu.yd. earth excav., 17,970 sq.yd. paving **(9)** Albers Ave. and **(10)** Alger Ave., (9 and 10) involve 4,070 lin.ft. stone curbing, 4,170 lin.ft. 4 in. drain tile guttering, 7,000 sq.yd. paving, etc. **(11)** Adeline Ave. **(12)** Mt. Vernon Ave. **(13)** Western Ave. **(14)** Schiller Ave. (11 to 14 inclusive) involve 8,650 lin.ft. stone curbing, 9,350 lin.ft. 4 in. drain tile guttering, 8,740 cu.yd. earth excav. and 15,410 sq.yd. paving, etc., from Cleveland Trinidad Paving Co., The Arcade **(a1)** $21,338 **(c1)** $18,976 **(a2)** $7,956 **(b2)** $6,417 **(c2)** $6,419 **(a3)** $26,894 **(b3)** $24,064 **(c3)** $20,441; from Bentley Bros., 3030 Euclid Ave. **(d4)** $33,812 **(e4)** $35,362 **(f4)** $28,152 **(d5)** $12,392 **(f5)** $10,212; from Rieley Bros., The Arcade **(a6)** $45,211 **(b6)** $40,487 **(c6)** $39,683 **(f7)** $71,749; from H. G. Herring, Wayside Rd. **(a8)** $10,335 **(b8)** $8,877 **(c8)** $7,215; from Baldwin Bros., 4500 Euclid Ave. **(a9)** $11,462 **(b9)** $9,869 **(c9)** $8,691 **(a10)** $27,547 **(b10)** $24,827 **(c10)** $21,904; from Roehl Bros. Paving & Constr. Co., 7002 Denison Ave. **(a11)** $9,797 **(b11)** $8,304 **(c11)** $7,480 **(a12)** $2,039 **(b12)** $2,076 **(c12)** $1,523 **(a13)** $44,296 **(b13)** $39,952 **(c13)** $38,352 **(a14)** $29,947 **(b14)** $25,198 **(c14)** $22,295. Noted Apr. 22.

O., Marion — Marion Co., improving Mt. Olive Green Camp and Essex Rd., also Prospect and Upper Sandusky Rd., from S. M. Wooley, $27,873 and $38,281 respectively. Engrs. est. $27,000 and $43,113 respectively.

Illinois — Dept. Pub. Wks. & Buildings, Div. Highways, Springfield, May 5, concrete paving 6.71 mi. Route 2, Sect. 53, De Witt Co., from E. Berns & Co., 3048 North Illinois St., Indianapolis, Ind. $110,254, 0.26 mi. Route 2, Sect. 73-X, and 0.49 mi. Route 18, Sect. 22-X, both LaSalle Co., from H. Xolpher & Sons, Mendota $14,850, 4.28 mi. Route 3, Sect. 5, Cass Co., from Dobson & Robinson, 809 1st Natl. Bank Bldg., Lincoln, Neb. $73,747, 0.07 mi. Route 1, Sect. 20-X and 0.14 mi. Route 1, Sect. 21-X, both Crawford Co., from O. Arnold, Casey $8,384, 2.57 mi. Route 3, Sect. 16, Whiteside Co., and 1.09 mi. Route 3, Sect. 33, Warren Co., from J. L. Wells Co., Rock Island $42,403 and $21,730 respectively, 1.31 mi. Route 3, Sect. 49, Greene Co., from Nelson Constr. Co., Jerseyville $24,940, 1.67 mi. Route 4, Sect. 63, St. Claire and Madison Counties, from W. C. Johnson, Belleville $53,870, 6.01 mi. Route 13, Sect. 15, Jackson and Perry Counties, and 5.91 mi. Route 13, Sect. 16, Perry Co., from J. W. Jones, Benton $225,000, 1.33 mi. Route 9, Sect. 27, Fulton Co., from Hartman-Clark Bros. Co., Peoria $27,311, 2.57 mi. Route 20, Sect. 14, McHenry Co., from E. H. Merrick, Kenosha, Wis. $91,395, 0.13 mi. Route 25, Sect. 16-X, Coles Co., from J. N. Shinn Co., Mattoon $2,516, 8.71 mi. Route 31, Sect. 18, Fulton Co., from Kerr & Murphy, Bloomington, Ind. $163,956, 4.86 mi. Route 36, Sect. 17, Pike Co., from E. J. Eiff Co., Quincy $96,214, all above roads 18 ft. wide, 1.01 mi. Route 46, Sect. 464-M, 20 ft., Cook Co., from Chicago Heights Coal Co., Chicago Heights $35,000, 0.68 mi. Sect. 29-X, 0.9 mi. Sect. 29-Y, 0.65 mi. Sect. 30-Y, and grading 0.32 mi. Sect. 29-G, all Route 5, Jo Daviess Co., from Matthes Coal & Constr. Co., Davenport, Ia. $92,336; grading 2.96 mi. Sect. 1 Copperas Creek-Lock-Banner Rd., 24 ft., from C. E. Bradbury, Canton $64,495, and 2.01 mi. Route 13, Sect. 16-A, Perry Co., from M. E. McGuire, 401 College Ave., Indianapolis, Ind. $27,516. Noted Apr. 29.

Kan., Manhattan — Riley Co., Apr. 30, grading, brick surfacing, etc., 1.068 mi. Federal Aid Project 327-A, 24 ft., from M. R. Ammerman, 248 North Market St., Wichita, $58,480. Noted Apr. 15.

Texas—State Hy. Comn., Austin, clearing, grubbing, bridging and grading 15.067 mi. Highway 43, Federal Aid Project 494-A, from D. H. Buchanan, Temple, $43,827. Noted Apr. 15.

Tex., Hondo — Medina Co., bituminous paving 34.08 mi. Highway 3, Federal Aid Project 270, Unit 2, from Colglazier & Hoff, 922 Austin St., San Antonio, approximately $190,000.

Colo., Denver—From Gordon Constr. Co., Barclay Blk., concrete paving Alley Paving Dist. 140 $13,480, Dist. 139 $13,697, Dist. 138 $12,090, and Dist. 137 $15,535; from Monaghan-Cunningham Constr. Co., Railroad Bldg., curbing, grading and surfacing Montclair Impvt. Dist. 3, $88,385; from Levy Constr. Co., Symes Bldg., furnishing all material, labor, etc. to sustain all expenses incurred in construction of rein.-con. abutments, retaining wall and pedestal of the West Iowa Ave. Subway., $39,589.

Wash., Seattle—Bd. Pub. Wks., Apr. 23, from F. N. Badolato, Box 561, improving Dexter Ave. et al, 4,000 ft. concrete sidewalks at $1.30 per ft., 9,000 cu.yd. subgrade $0.55, 16,000 sq.yd. 9 in. concrete paving $2, 15 ft. 7 in. asphaltic concrete paving $1.90, etc., total $62,230. Engrs. est. $67,040.

Calif., Berkeley — City Council, Apr. 27, from J. F. Knapp, East Main St., Turlock, improving Sacramento St. between Dwight Way and city limits, etc., 11,000 cu.yd. grading at $1 per cu.yd., 281,000 sq.ft. 6 in. concrete paving $0.20, total $96,586. Noted Jan. 21.

Calif., Hayward—Grading, curbing, guttering and ½ in. Warrenite-bitulithic on 3 in. asphalt paving, A St. between Western Pacific R.R. tracks and Filbert St., from Jones & King, Hayward, $31,660. Noted Apr. 22.

Calif., Los Angeles — Bd. Supervs. Los Angeles Co., Apr. 26, from United Concrete Pipe & Constr. Co., Ventura, improving Rd. Dist. Impvt. 286 (portion of Artesia Ave.), 14,426 cu.yd. excav. at $0.48 per cu.yd., 327,153 sq.ft. concrete paving $0.19 per sq. ft., 343,290 sq.ft. 5 in. disintegrated granite sub-base $0.045, etc., total $85,415. Noted Mar. 25.

Contracts Awarded

Conn., New Haven—Removing present wood block pavement and replacing same with asphalt on Broadway, Whalley and Whitney Aves., to C. W. Blakeslee & Sons, Waverly St., $52,410, also asphalt paving Union Ave. from Carlisle to State Sts., to Conn. Natl. Paving Co., 173 Orange St., $26,725. Noted May 6.

N. Y., Albany — Bd. Contr. & Supply repaving Bway. and Clinton Ave., to H. Dumary, 119 State St., $182,563. Noted Jan. 21.

N. Y., Brooklyn — J. A. Guider, pres. Brooklyn Boro, Boro Hall, to Leonard Paving Co., 233 Bway., New York City, granite paving Waverly Ave., $18,094; to F. Persicano, 350 Fulton St., and grading East 31st St. $2,618, to A. E. Castle, 3313 Tilden Ave., grading Caton Pl. $1,993 and East 34th St., $1,543, to F. De Vito 158 17th St. Georgia Ave. $3,550, Avenue S $1,514, 9th Ave. $1,197, 21st Ave. $2,115, to W. J. McHale, 1250 Jefferson Ave., Rockaway Parkway $4,725, Snyder Ave. $10,071, West 10th St. $3,089 and East 31st $2,058; to B. Turecamo Contg. Co., 8706 16th Ave., grading and asphalt paving Colonial Rd., $8,142, East 77th St. $5,425, West 9th St. $7,337, 10th Ave. $10,601, 24th Ave, $9,432, 59th St. $6,600, 63rd St. $7 590, 72nd St. $6,647, East 31st St. $8,131, 21st Ave. $6,905, and 72nd St. $8,278, to Uvalde Asphalt Paving Co., 1 Bway., New York City, East 34th St. $4,905, East 34th St. $3,389, Livonia Ave. $12,706, Pennsylvania Ave. $62,136, Riverdale Ave. $2,513, to Cleveland Trinidad Paving Co., Flushing, Hegeman Ave. $4,320, to Borough Asphalt Co., 1301 Metropolitan Ave., Pulaski St. $1,852, to Brooklyn Alcatraz Asphalt Co., Hamilton Ave., 7th Ave. $17,217, 9th Ave. $3,170, 48th St. $6,893, 71st St. $1,957, New York Ave. $8,474, and ½ in. concrete paving Avenue S $17,539. Grand total $284,726. Noted Apr. 29.

N. Y., Long Island City—M. E. Connolly, pres. Queens Boro, Queens Subway Bldg., grading, curbing and sidewalks on 74th (17th) St., to O'Brien & Kurth, Inc., 8625 137th St., Richmond Hill, $6,379; grading and restoring bituminous macadam paving over trenches in Rockaway Beach Blvd., to Sprague Constr. Co., Plaza Bldg., Far Rockaway, $6,542; repairing sheet asphalt paving in 1st and 2nd Wards, to Sicilian Asphalt Paving Co., 41 Park Row, New York City, $16,657. Grand total $29,578. Noted Apr. 8.

N. Y., New York — H. Bruckner, pres. Bronx Boro, Crotona Park, 3rd and Tremont Aves., to L. Di Minna, 2366 Lorillard Pl., grading, curbing and sidewalks on East 172nd St. $20,164, and Lafayette Ave. $4,585; to Remo Realty Co., 530 East Tremont Ave., Barnes Ave., $5,105; to P. Gabrielle, Inc., 2750 Creston Ave., East 194th St. $8,436, and Pugsley Ave. $7,631; to P. J. Donovan, 30 Church St., Edison Ave., $9,920; to A. Musumeci, 277 East 146th St., Needham Ave. $2,073, Hering Ave. $4,437, and Mulford Ave. $6,292; to F. Spadaro, 2913 Creston Ave., Underhill Ave. 4,001, and East 177th St. $18,981; to J. V. Timoney Constr., 320 East 201st St., Morris Ave., $15,336; and to P. Tedesco, Westchester Ave., Laconia Ave.. $3,530. Grand total $110,491. Noted May 6.

N. J., North Bergen (Ind. br. Weehawken)—Twp. Com. grading, paving, etc., 38th St. and Hudson River Turnpike, to T. C. Constr. Co., North Bergen. Engrs. est. $58,675 and $4,320 respectively.

N. J., Toms River—Ocean Co., 400,000 gal. road oil for various roads, to Asphalt Serv., Inc., New Brunswick, $0.0915 per gal.

Pa., Phila.—Dept. Pub. Wks., Bureau of Highways, to Gudknecht & Cullison, Torresdale and Robbins Sts., grading Afton (sidewalks) between Verree Rd. and Rising Sun Ave. $432, to J. J. McHugh, 1617 Rhawn St., Algard St. $245, Kennedy and Tulip Sts. $1,478, Kerper St. $499, Tyson St. $691, paving and repaving alleys in Dists. 1 and 2 $24,553; to McCarrick Bros., 3240 Fox St., grading Anderson, Nippon and Wadsworth Sts. $3,450, and Glen Echo Rd. $20,613, to Curtis Bros., State and Unruh Rds., Arthur, Ashville, Meridian and Solly Sts. $5,384, Aubrey Fitler, Leon and Primrose Sts. $22,199, E. Emerson and Hoffnagle and Ryers Sts. $2,356, to Morrissey Bros., 4345 North 7th St., Benner St. $1,590, 65th Ave., Edna, Fern, Franklin, Front, Gale, Lawrence, Spencer, 2nd, 4th, 9th, 11th and 12th Sts., $36,742, to Frank Mark Contg. Co., North and Winghocking Sts., Tulpehocken St. $4,307, to Wilson, Martin, Inc., 7 South 17th St., Howard St. $894, to Dewees Bros., 7200 Shelbourne St., sidewalks on K St. $2,126, to E. Mullen, 5512 Vine St., Regent St. $1,707, to Barber Asphalt Paving Co., 239 North 30th St., asphalt paving Apple St. $2,291, Chelwynde, Garmen and 64th Sts. $18,162, Coleman St. $12,422, Middleton and Woolston Sts. $20,264, Pacific St. $6,757, Smedley St. $5,946, Woodcrest St. $2,201, 46th St. $38,987, asphalt repaving Beulah, Daly and Franklin Sts. $12,419, Courtland St. $38,948, Larchwood St. $9,077, Latona St. $3,758, Reed St. $21,263, 16th St. $8,122, widening, paving and repaving 10th St. $12,843, and 16th St. $14,667; to Eastern Asphalt Paving Co., Penn Bldg., asphalt paving Ardleigh St. $16,842, Merrick St. $2,993, Queen St. $5,669, Sharp St. $3,292, Sprague St. $15,274, asphalt repaving Chadwick St. $7,492, Dauphin, York and Marshall Sts. $32,936, Mifflin, Mildred and Tree Sts. $19,414, Rose and Reese Sts. $4,893 and Russell, Tioga and 3rd Sts. $20,131, to Mack Paving & Constr. Co., Nicetown Lane and Luzerne St., Belgrade St. $14,674, Dauphin and 3rd Sts. $31,574, to Union Paving Co., 30th and Locust Sts., resurfacing streets in 1st, 5th, 6th Highway Dists. and portion of 3rd Highway Dist. $118,864; to United Paving Co., Real Estate Trust Bldg., redressed granite block repaving Emery, Hope and Wildey Sts. $14,774, Fountain and Umbria Sts. $15,966, Sansom St. $4,506, Tacony St. $6,484, grading, paving and repaving Flat Rock Rd. and Leverington St. $31,073; to Municipal Paving Co., 702 Catharine St., redressed granite block repaving 2nd St. $19,367, and to J. Salvucci, 512 North 65th St., 8th St. incl. track area $23,925; to B. Fosher Co., 20th and Venango Sts., improving Passyunk Rd. between Bridge over Schuylkill River to 63rd St. $12,567, and 63rd St. $10,100; to J. S. E. Pardee, 700 Schuylkill Ave., furnishing vitr. blocks $2,539. Grand total $770,644. Noted Apr. 22.

Maryland—State Rd. Comn., Baltimore, concrete paving 1 mi. Contr. Cl-26, Carroll Co., to Poffinberger & Mause, Myersville, $21,337; and 1 mi. Contr. W1-35, Micomico Co., also concrete shoulders on 4 mi. Contr. Wo-5-B, Worcester Co., to P. D. Phillips & Bros., Salisbury, $19,294 and $13,774 respectively; and 4.95 mi. Contr. AB-1-B, Anne Arundel Co., to Development & Constr. Co., Amer. Bldg., Baltimore, $34,639; concrete shoulders and resurfacing 4.72 mi. Contr. P-3-B, Prince Georges Co., to Thomas, Bennett & Hunter, Westminster, $75,260. Grand total $164,304. Noted Apr. 29.

Maryland—State Rds. Comn., Baltimore, concrete paving 0.42 mi. Contr. G-32, Garrett Co., to Tri-State Eng. Co., Cumberland, $13,176; macadam resurfacing 0.54 mi. Contr. F-88, to E. C. Valentine, Rocky Ridge $6,092, and 0.54 mi. Contr. F-87, to L. R. Waesche, Thurmont, $10,748, both Frederick Co.; concrete shoulders on 4.1 mi. Contr. M-69, Montgomery Co., to Corson & Gruman Co., 33rd and K Sts., Wash., D. C., $27,798, and 5.6 mi. Contr. H-3-A, Harford Co., to Thomas, Bennett & Hunter, Westminster, $45,030; graveling 1.5 mi. Contr. C-24, Calvert Co., to E. R. P. Smith, Hyattsville, $13,191; and grading, etc., 2.1 mi. Contr. G-30, Garrett Co., to H. W. Kaylor, Cumberland, $28,059. Grand total $144,094. Noted May 6.

Md., Baltimore — Bd. Awards, concrete paving footways listed in Footway Contr. 92, to A. Apicella, 2006 Bank St., $33,837. Noted May 6.

West Virginia — State Hy. Comn., Charleston, grading, gravel surfacing, etc., 5.5 mi. Mercers Bottom-Ben Leonard Rd., Mason Co., to Miller Bros., Gallipolis, O., $32,132.

W. Va., Morgantown—Brick and asphalt paving 7,715 ft. Pleasants and 6 other streets, 20-28 ft., to Cole Bros. Constr. Co., Morgantown, $102,196.

W. Va., Wellsburg—Street Com., asphalt paving 46,000 sq.yd. Main and other streets, to Federal Asphalt Paving Co., Hamilton, O., $105,000. Noted Apr. 22.

North Carolina—State Hy. Dept., Raleigh, grading and concrete paving, etc. 5.3 mi.

Streets and Roads (Continued)

Project 886, Rutherford Co., to Wilson Constr. Co., Rutherfordton, $164,547, and clearing, grubbing, grading, etc. 11.11 mi. Project 591, Rockingham Co., to G. F. Cornatzer, Winston-Salem, $55,889. Noted Apr. 15.

South Carolina—Sand clay surfacing 3.6 mi. Route 46, State Project 566-B, Berkeley Co., to Mayfield Constr. Co., Denmark, $18,507, and 6.8 mi. Route 311, State Project S-614-A, Berkeley Co., to J. L. Carroll, Columbia, $35,839; also rein.-con. bridge across Pacolet River, Route 10, State Project 628, to Latimer & Peake, Columbia, $28,797. Grand total $83,143.

Ga., Atlanta — To MacDouglas Constr. Co., 1804 Spring St., sheet asphalt paving 7,084 sq.yd. Irwin St. at $2.03 per sq.yd., total $14,381, 2,936 sq.yd. Mortimer St. $2.04 total $5,990, 10,723 sq.yd. Forsythe St. 32,698, and vibrolithic paving 1,559 sq. yd. Archer St. $2.12, total $3,305. Grand total 56,374.

Ga., Thomaston—Grading, curbing, sidewalks and concrete paving 16,600 sq.yd. various streets, to Davis Constr. Co., Walton Bldg., Atlanta, $65,845.

Florida — State Rd. Dept., Tallahassee, grading and concrete paving 10.2 mi. road in Bay Co., 30 ft. to Noonan-Lawrence, Box 1071, Pensacola, $327,235; clearing, grubbing, grading, etc. 8.73 mi. in Martin Co., to Boone & Wester, St. Augustine $54,245, and 5 16 mi. in Polk Co., to W. P. Mcdonald Constr. Co., Lakeland, $233,609; also 8 in. compacted rock base on 10.2 mi. in Putnam Co., to Whitney Constr. Co., St. Augustine $190,932, and 11.82 mi. in Hamilton Co., to Duval Eng. & Contg. Co., 216 Dyal Bldg., Jacksonville, $219,536. Grand total $1,025,557.

Florida — State Rd. Dept., Tallahassee, clearing, grubbing, grading, etc. 14.39 mi. Project 676-B, to McLeod Constr. Co., 211-215 Stovall Bldg., Tampa, $126,333; also 9.95 mi. Project 676-A, to Gilbert & Hadsock, Newberry, $44,432, both Levy Co. Noted Apr. 22.

Miss., Walthall — Bd. Supervs. Webster Co., c/o Chauncery Clerk, gravel surfacing Calhoun-Ackerman Rd., Federal Aid Project 157-B, Webster Co., to M. S. Boyd, Columbia, $36,000. Noted Apr. 15.

La., Lecompte — Grading, curbing, guttering and graveling Weems Ave., Hardy, Earnest, Smith Add, St. Martin, Union, Canal, and Cody Sts., to Carbo & Wilks, Alexandria, $21,073; washed gravel, to Cocodrie Gravel Co., Lecompte, $5,300; and sand clay gravel, to Pelican Gravel Co., Lecompte, $1,575. Grand total $27,948.

Kentucky — State Hy. Dept., Frankfort, grading and gravel surfacing 3.8 mi. Liberty-Hustonville Rd., Federal Aid Project 149-A, to Cundiff & Corigan, Liberty, $71,452; and grading and bituminous macadam surfacing 7.3 mi. Hustonville-Danville Rd., Federal Aid Project 149-B, to Connolly Constr. Co., Somerset, $156,-543, both Lincoln Co. Noted Mar. 11.

O., Akron—W. F. Peters, dir. Pub. Serv., **(e. e. means engrs. est.)**, grading, curbing, walks and vitr. brick paving, etc., 5,650 sq.yd. Gertrude St. et al, to Hollinger & Davidson, 435 South Bway., $39,429, e. e. $44,400; grading, walks and cindering 2,000 cu.yd. Stanton Ave., et al, to J. Hurak, 617 Brown St., $17,945, e. e. $23,500; grading, curbing, ornamental lighting system and vitr. brick paving 6,055 sq.yd. Bacon Ave., and 7,700 sq.yd. Sunset View and Stadelman Aves., to Columbus Asphalt Paving Co., 304 Buckeye Bldg., $31,400 and $57,047 respectively, e. e. $38,900 and $72,000 respectively. Grand total $145,821. Noted Apr. 29.

O., Canton — Curbing and brick paving Harrison Ave. extension and concrete paving 1.03 mi. Marlboro-Bolton Rd., 16 ft., to E. Vogt Paving Co., Massillon, $49,512 and $39,296 respectively, engrs. est. $50,000 and $40,000 respectively; also monolithic paving, etc. 1.5 mi. Canton-Sherman Rd., 16 ft., to Wise Bros. Co., 1126 11th St. N. W., $62,682, engrs. est. $60,000. Grand total $151,490. Noted Feb. 18.

O., Canton—Bd. Control, asphalt paving 23rd St. N. W., from Frazer to Cleveland Aves. N. W., to Wise Bros., 1126 11th St. N. W., $41,287. Engrs. est. $40,000. Noted Mar. 25.

O., Cincinnati—Hamilton Co. **(e. e. means engineers estimate)**, to J. Slone, 2312 Mound Ave., Norwood, improving Creek Rd. from Plainfield to Madisonville Rds., 2,000 cu.yd. grading at $0.30 per cu.yd., 10,400 sq.yd. tar macadam (base course 6 in.) $1.10 per sq.yd. (top course 3 in.) $0.50, and 26,000 gal. tar $0.15, total $21,790 e.e. $25,-000, and Plainfield Rd. from Creek to Sycamore Rds., 4,000 cu.yd. grading $0.30, 31,200 sq.yd. tar macadam (base course 6 in.) $1.10, (top course 6 in.) $0.50, and 80,000 gal. tar $0.15, total $64,823 e.e. $73,000; from Pickelheimer & Slone, 406 Palace Theatre Bldg., improving Old Indian Hill Rd. 2,000 cu.yd. grading $0.50, 14,400 sq.yd. tar macadam (bottom course 6 in.) $1.10 (top course 3 in.) $0.50, 36,000 gal. tar $0.15, total $30,603, e.e. $33,630, and State Rd. from Nagel Rd. to Clough Pk., 3,000 cu.yd. grading $0.50, 16,900 sq.yd. tar macadam (base course 6 in.) $1.10, (top course 3 in.) $0.50, 43,000 gal. tar $0.15, total $35,960, e.e. $39,835. Grand total $153,176. Noted Feb. 18.

O., Cincinnati—Comrs. Hamilton Co., to O. E. Radabaugh, Hazelwood, improving road from Cincinnati-Dayton Rd. to Cincinnati-Zanesville Rd., 6,000 cu.yd. grading at $0.30 per cu.yd., 29,400 sq.yd. tar macadam (base course 6 in.) $1 per sq.yd. (top course 3 in.) $0.50, and 76,000 gal. tar $0.145, total $57,956. Engrs. est. $70,-230. Noted Apr. 22.

O., Cleveland — Grading and concrete curbing, etc., Rockefeller Park, to V. Q. Galier, Builders Exch., Rose Bldg., $40,385.

O., Millersburg — Holmes Co., grading, curbing and paving, etc., Sect. "B" Winesburg Walnut Creek Rd., to Griggs Anderson Co., Mullersburg, $26,250, engrs. est. $25,000; also Sect. "A" above road, to Holmes Constr. Co., Millersburg, $25,291, engrs. est. $30,000.

O., New Philadelphia — Tuscarawas Co., waterbound macadam paving 6 mi. Newport-Gilmore Rd., to C. G. Fuller, Dover, $95,495. Noted May 6.

O., Youngstown — Asphalt paving Taft St., to Kelley & Meyer Co., Youngstown, $27,188. Engrs. est. $30,000.

Ind., Evansville—Bd. Pub. Wks., asphalt paving, etc., Gum St., Runnymeade and Beninghof Aves., to L. Reichert Constr. Co., 705 Furn Bldg., approximately $40,000. Noted Apr. 22.

Mich., Muskegon — H. L. Brown, engr., 711-13 Union Bank Bldg., concrete paving, etc., 18,440 sq.yd. McGraft St. in Glenside sub-division, to Whitlow & Hobeck, South Haven, $46,234. Engrs. est. $54,557. Noted May 6.

Illinois—State Dept. Pub. Wks. & Buildings, Div. Highways, Springfield, to Edwardsville Constr. Co., Edwardsville, concrete surfacing 1.65 mi. Route 4, Sect. D-1 $34,686, and 3 ft. widening 0.11 mi. Route 4, Sect. D-2 $575, both Macoupin Co.; to F. W. Smith & Co., Rensselaer, Ind., concrete surfacing 7.3 mi. Route 16, Sect. 23 and 23-X, Madison and Macoupin Counties $122,486, to Cameron Joyce-Smith-Elder Co., Keokuk, Ia., 0.75 mi. Route 9, Sect. 30, Hancock Co. $16,370, to W. F. Sell, Pana, 0.38 mi. Route 16, Sect. 12-X, Shelby Co. $7,693, to Harrison Eng. & Constr. Corp., Mutual Bldg., Kansas City, Mo., 1.96 mi. Route 30, Sect. 1 $17,108, 4.21 mi. Route 30, Sect. 2 $76,722, 4.73 mi. Route 30, Sect. 7 $107,928, 7.08 mi. Route 30, Sect. 8 $142,881, all Peoria Co., 9.22 mi. Route 40, Sect. 10, Joe Daviess Co. $165,885, and 9.64 mi. Route 40, Sect. 11, Carroll and Joe Daviess Counties $184,113; to Keating Bros., Auburn, grading 1.36 mi. Route 1, Sect. 42-A, Saline Co. $15,782, to Hamilton-Huffman Constr. Co., Carbondale, 0.64 mi. Route 13, Sect. 13-A, Jackson Co. $16,794, and to Smith Bros. Constr. Co., Decatur, 0.5 mi. Route 12, Sect. 17-V-1, Marion Co., $18,848. Grand total $927,872. Noted Apr. 15.

Ill., East St. Louis — Concrete curbing and rein.-con. paving 7,720 sq.yd. 75th St., to Louis Rich Constr. Co., Arcade Bldg., $36,475. Engrs. est. $39,800. Noted Apr. 1.

Ill., Elmhurst — Paving various streets, to W. Black, 1928 Monterey Ave., Chicago, $162,000. Noted Jan. 28.

Wisconsin — State Hy. Dept., Madison, graveling, etc. 775 cu.yd. F.A.P. 417-A, Green Co., to P. Fess, Madison $303,652, 13,956 cu.yd. F.A.P. 372-B, Rusk Co., and F.A.P. 372-A, Barron Co., to D. H. Clough & Co., 405 Palladio Bldg., Duluth, Minn. $97,246 and $70,305 respectively, F.A.P. 377-C, Washburn Co., and F.A.P. 438-A, Polk Co., to V. Nelson, 2002 Maryland Ave., Superior, $122,276 and $28,121 respectively; also constructing Amnicon Bridge, on F.A.P. 377-B, to A. Prine, Ellsworth $9,630. Grand total $631,230. Noted Apr. 15.

Wisconsin—State Hy. Dept., Div. Office 1, Capitol Annex, Madison, concrete paving, etc., 75,288 sq.yd. Federal Aid Projects 428-A and B, Jefferson and Rock Counties, to Schuster Constr. Co., Denmark, $184,601. Noted Apr. 22.

Wis., Madison—Hy. Comn. Dane Co., concrete paving, etc., Madison-Verona Rd., to R. R. Birdsall & Sons, Racine, $136,578.

Wis., Madison—Hy. Com. Dane Co., concrete paving Madison-Oregon Rd., to F. Hayes, Janesville, $150,635.

Wis., Madison — Dane Co. Hy. Comn., graveling, etc., 7,597 cu.yd. Waunakee-Token Creek Rd., and 8,131 cu.yd. Verona-Oregon Rd., to Kutzke & Gallagher, Oregon, $24,232 and $9,351 respectively, 6,500 cu.yd. State Trunk Highway 30, and 2,800 cu.yd. State Trunk Highway 73, to R. Foll, Deerfield, $6,305 and $7,935 respectively, 1,000 cu.yd. Lake View Rd., to F. H. Muenkel, Oregon, $1,950, 4,452 cu.yd. Burke Marshall Rd., and 2,300 cu.yd. Marshall-Cottage Grove Rd., to P. W. Ryan & Sons, Janesville, $28,467, 6,445 cu.yd. Edgerton-Cambridge Rd., to F. M. Limpke, Edgerton, $18,750, 3,500 cu.yd. Gaston School-Seminary Rd., Job D-99-09, and 2,500 cu.yd. Trunk Highway 41 west from Mazomanie, to A. W. Gallagher, Madison, $3,675 and $2,850 respectively, 5,600 cu.yd. State Trunk Highway 10, to E. M. Koenig, Sauk City, $12,376, 7,286 cu.yd. Dane-Morrisonville Rd., to Drew & Garry, Evansville, $25,206, 2,000 cu.yd. Trunk Highway 81 north from Mazomanie, to G. Hughes, Highland, $1,600, 5,000 cu.yd. Trunk Highway 73, to P. Berg, Cambridge, $5,500, and 1,725 cu.yd. Ashton-Marxville Rd., Job D-96-02, to C. M. Stravaaldsen, Madison, $6,609; crushed stone surfacing, etc., 4,293 cu.yd. Mt. Vernon-Belleville Rd., to C. H. Olson & Co., Blanchardville, $19,933. Grand total $150,513.

Wis., Stevens Point — Hy. Com. Portage Co., concrete paving, etc., 154,537 sq.yd. Nelsonville-Stevens Point Rd., State Project 4059, to J. F. Bloomer, Appleton, $373,805.

Wis., Wausau—Hy. Com. Marathon Co., grading, etc., 99,954 cu.yd. Abbotsford-Wausau Rd., State Project 4231, to Potter Dredging Co., Wisconsin Rapids, $34,017.

Wis., West Allis—A. L. Wichner, supt. Bd. Pub. Wks., to McGucken & Vender Hayden Co., 314 Fowler St., Milwaukee, improving 21 streets, 40,000 sq.yd. vibrolithic concrete paving at $2.10 per sq.yd., 11,000 sq.yd. rein.-con. $2, and 19,000 sq.yd. amiesite asphalt $2.56; also to Milwaukee General Constr. Co., 427 Mitchell St., Milwaukee, 2,400 sq.yd. amiesite asphalt at $2.56. Noted Apr. 22.

Ia., Boone—Boone Co., gravel surfacing 14 mi. secondary road, to E. C. Melohn, Nevada, $28,876. Noted Apr. 15.

Ia., Chariton—Lucas Co., to J. H. Miller & Son, Monroe, improving Federal Aid Project 63-B and F, 89,033 cu.yd. excav. at $0.28 per cu.yd., and 590 ft. culvert labor $0.20.

Ia., Des Moines—To Des Moines Asphalt Paving Co., 2nd and New York Sts., improving various streets, 17,000 sq.yd. concrete paving at $2.15 per sq.yd., and 3,800 sq.yd. brick paving $3.26.

Ia., Des Moines—Polk Co., to J. H. Miller & Son, Monroe, improving roads, 88,000 cu.yd. excav. at $0.27 per cu.yd., 1,000 cu.yd. loose rock excav., $0.75 and 1,000 cu.yd. solid rock excav. $1.50.

Ia., Ft. Dodge—Webster Co., to H. R. Maudlin, Nevada, improving Dist. 1, 2,000 cu.yd. gravel 1 mi. haul at $0.27 per cu.yd., 15,000 units ½ mi. haul $0.0675, 500 cu.yd. stripping, $0.17; Dist. 2, 2,500 cu.yd. gravel 1 mi. haul $0.27, 47,000 units ½ mi. haul $0.065; Dist. 3, 2,500 cu.yd. gravel 1 mi. haul $0.27, 22,500 units ½ mi. haul $0.075, 650 cu.yd. stripping $0.17; and County System, 8,000 cu.yd. gravel 1 mi. haul $0.27, 10,500 cu.yd. 1 mi. haul $0.02, 20,450 units ½ mi. haul 0.0675, 2,450 cu.yd. stripping $0.17.

Ia., Garner — Hancock Co., grading Hutchins-Corwith and Hutchins-Waden Rds., to A. J. Fleckenstein, Independence, $26,571. Noted Apr. 22.

Ia., Grundy Center—Grundy Co., to P. Jensen, Waterloo, improving Federal Aid Project 266, 5,396 ft. 6 in. tile drain at $0.0119 per cu.yd., 1,500 ft. 8 in. $0.175, 625 ft. 10 in. $0.25, 2 intakes at $15 each; to Shirley-Caldwell Co., Omaha, Neb., 57,922 cu.yd. excav. $0.279, 325 cu.yd. rock excav., $2, 60,940 sta.yd. overhaul $0.02, 280 ft. 15 in. culvert labor $0.40, 100 ft. 18 in. $0.50, clearing right-of-way $955.50. Noted Apr. 8.

Ia., Nevada—Story Co., improving Dists. 13, 43 and 47, 23,000 cu.yd. gravel hauling, to Moore & Eldridge, Clemons, $28,846.

Ia., Newton—Jasper Co., grading 6.9126 mi. Kellogg-Poweshie Rd., Federal Aid Project 64-F and G, 161,380 cu.yd. excav., etc., to J. H. Miller, Cordova, $51,442. Noted Apr. 8.

Ia., Red Oak—Montgomery Co., grading, etc., 7.008 mi. primary road north of Villisca, 193,302 cu.yd. excav., etc., to G. W. Condon, 514 Federal Reserve Bldg., Omaha, Neb., at $0.198 per cu.yd. Noted Apr. 22.

Ia., Rock Rapids — Lyons Co., to V. Schaaf & V. Stouwe, Hull, improving Secondary Dist. 8, 7,800 cu.yd. gravel at $0.30 per cu.yd., 55,900 units ½ mi. haul $0.07, and 2,000 cu.yd. stripping $0.15.

Ia., Sioux City—Woodbury Co., to Lynch & Rhinehart, Sioux City, 3,556 cu.yd. stripping at $0.17 per cu.yd., 5,625 cu.yd. gravel 1 mi. haul $0.45, 21,000 units ½ mi. haul $0.085, 11,250 cu.yd. gravel 1 mi. haul $1.50, 65,700 units ½ mi. haul 0.085. Noted Apr. 15.

Ia., Spirit Lake—Dickson Co. to Schaaf & Jacobsen, Lake Park, improving Crossing Project 416, 1,378 cu.yd. Type A paving at $3.07 per sq.yd., 153 cu.yd. excav. $0.90, 216

Streets and Roads (Continued)

sq.yd. sidewalks $1.89, 350 ft. guard rail $0.57, and 2 paving intakes $22.50 each.

Ia., Waterloo — Black Hawk Co., to Mackie & Co., Waterloo, improving County Road System, 17,628 cu.yd. excav. at $0.30 per cu.yd., 2.95 mi. blade grading at $445 per mile, and 2.58 mi. at $410; to C. Hansen, 8,010 ft. 6 in. standard tile drain at $0.12 per ft., 3,424 ft. 6 in. at $0.14, and 4,000 ft. 10 in. vitr. tile drain at $0.14.

Minn., Duluth—F. W. Borgen, aud. St. Louis Co., grading, etc., 250,000 cu.yd. North Line Rd. between Miller Trunk Highway and Hibbing, to E. W. Coon, Hibbing, $150,830.

Minn., Duluth—F. W. Borgen, aud. St. Louis Co., grading, 67,000 cu.yd. Duluth Heights between 6th and 9th Aves., to A. N. Nelson, 1001 East 10th St., $47,072.

Minn., St. Paul—A. E. Eggert, city purch. agt., 11.878 sq.yd. 2.5 in. brick and 2,449 sq.yd. tarvia or penetration asphalt paving Dale St. between Como Ave. and Wheelock Parkway, to Thornton Bros., 318 Endicott Bldg., $46,731. Noted Apr. 29.

Kan., Kingman—For 3 in. vitr. brick with asphalt filler on 5 in. concrete paving various streets, to H. Taylor, Salina, $125,-000.

Kan., Lyons—Rice Co., concrete surfacing, etc. 2.064 mi. Federal Aid Project 331-A, to M. R. Ammerman, 248 North Market St., $61,550. Noted Apr. 15.

Kan., Manhattan—Riley Co., brick surfacing, etc. 1.068 mi. Federal Aid Project 327-A, to M. R. Ammerman, 248 North Market St., Wichita, $58,480.

Kan., Topeka—For 2 in. asphalt on 7 in. concrete paving 60,000 sq.yd. various streets, to Kaw Paving Co., 616 N. E. Bldg., $211,553.

South Dakota—State Hy. Dept., Pierre, **(F. A. P. means Federal Aid Project, and S. A. P. means State Aid Project)**, grading, etc., 270,000 cu.yd. F. A. P. 158-B, Clay Co., and 100,000 cu.yd. S. A. P. 133, Moody-Minnehaha Counties, to W. R. Larson Constr. Co., Sioux Falls, $57,805 and $38,-733 respectivley, 160,000 cu.yd. F. A. P. 162-C, Jackson Co., and 61,600 cu.yd. F. A. P. 181-D, Dewey Co., to N. J. Alson, Scenic, $72,876 and $28,884 respectively, 105,700 cu.yd. F. A. P. 181-B, Potter Co., to N. W. Engineer Co., Kadoka, $24,209, 95,000 cu.yd. F. A. P. 183-B, Spink Co., and 88,000 cu.yd. F. A. P. 191-E, Kingsbury Co., to Dowd Bros. & Noonan-Hyde Co., Watertown, $36,-557 and $30,650 respectively, 100,000 cu.yd. F. A. P. 194-C, Brule Co., to R. P. England, Mitchell, $48,115, 90,000 cu.yd. F. A. P. 194-B, Hand Co., to Tobin & Maloney, Madison, $37,980, 175,000 cu.yd. F. A. P. 185-F, Jones Co., to G. W. England & Son, Murdo, $59,945, and S. A. P. 137, Mellette Co., to Gilmore & Hollenbeck, Kennebec, $5,630; graveling, etc., 16,700 cu.yd. F. A. P. 161, Hanson Co., and 16,400 cu.yd. F. A. P. 166, McCook Co., to Summit Constr. Co., Summit, $15,417 and $9,419 respectively. Grand total $466,455. Noted Apr. 15.

Mo., Hannibal — Sheet asphalt on brick resurfacing 28,000 sq.yd., also brick paving 4,250 sq.yd. Bway. between Main and North Maple Sts., curbing and 6 in. rein.-con. paving 11,292 sq.yd. Hope St., and 4,682 sq.yd. Sycamore St., to Hannibal Contr. Co., Hannibal. Noted Apr. 8.

Mo., St. Louis—Bd. Pub. Serv. 208 City Hall, shallow granite block paving 6,055 sq.yd. Walnut St., to Eyermann Constr. Co., 1216 South Grand Blvd. $50,313, Warrenite paving, etc. 53,060 sq.yd. Lindell Ave., to Granite Bituminous Paving Co., Ry. Exch. Bldg. $204,335, and 4,025 sq.yd. Compton Ave., to Central Paving & Constr. Co., 6161 Maple Ave. $32,924; Willite asphalt paving, etc. 1,555 sq.yd. Nashville St., and asphalt paving, etc. 2,619 sq.yd. Botanical St., to Webb-Boone Paving Co., 5103 Fyler Ave. $10,418 and $20,922 respectively, 7,860 sq.yd. Clark St., and 1,210 sq.yd. California St., to C. A. Moreno, Syndicate Trust Bldg., $52,174 and $5,799 respectively, 8,285 sq.yd. Cook Ave. and 1,795 sq.yd. Cook St., to Trinidad Asphalt Mfg. Co., Title Guaranty Bldg., $52,364 and $12,050 respectively, 3,900 sq.yd. Plover St., to Bridges Asphalt Paving Co., Buder Bldg., $22,942. Grand total $464,240.

Tex., Boston—Bowie Co. grading, bridging and gravel surfacing 6.965 mi. Highway 98, State Aid Project 644, to W. Fooshee & H. G. Gafford, Paris, $35,972. Noted May 6.

Tex., Ferris — Collin Co., 1½ in. Uvalde rock asphalt on 5 in. concrete paving various streets, to W. E. Dozier, 230 Austin Natl. Bank Bldg., Dallas, $124,871. Engrs. est. $135,000. Noted Feb. 18.

Tex., Galveston—Permanent paving 21st St. from Ave. F to Ave. J, Ave. I from 23rd to 25th Sts., Ave. F to Ave. J, Ave. I from 23rd to 25th Sts., and Ave. F from 20th to 21st Sts., to W. A. Kelso & Co., 2220 C St., approximately $26,000.

Tex., Hondo — Walton & Arneson, engrs., c/o Gunter Bldg., San Antonio, 1 in. limestone rock asphalt surfacing 35.3 mi. Highway 3, Medina Co., to Colglazier & Hoff, 922 Austin St., San Antonio, $171,003. Noted Apr. 15.

Tex., Houston—For 2 in. rock asphalt paving Caroline St. from Pierce Ave. to Holman Aves., to Uvalde Rock Asphalt Co., 829 Bankers Mortgage Bldg., $104,956.

Tex., Huntsville — Walker Co., grading and bridging 17.273 mi. Highway 45, State Aid Project 664-B, to Smith-Boyette Co., Bryan, $74,016. Noted Mar. 11.

Tex., Sweetwater — Nolan Co., grading and bridging 7.82 mi. Highway 70, State Aid Project 524-C, to R. B. Stroup, Oklaunion, $27,534; also sledged stone on bituminous paving, 15.22 mi. Highway 1, Federal Aid Project 444-B, Unit 2, to Atex Constr. Co., Eastland, $240 837. Noted May 6.

Tex., Uvalde—H. C. King, judge Uvalde Co., 1 in. rock asphalt surfacing 27 mi. Highway 3, to Lone Star Constr. Co., c/o Alamo Natl. Bank Bldg., San Antonio, $121,574. Noted Apr. 8.

Tex., Wichita Falls—For 1½ in. asphalt paving 5 blocks York Ave., to West Texas Constr. Co., c/o Staley Bldg., at $2.76 per yd.

Okla., Hollis—Grading and concrete paving 8,710 sq.yd. Street Impvt. Dist. 1, to E. W. Baker, 414 Medical Arts, Oklahoma City, $25,614. Engrs. est. $29,316. Noted Apr. 20.

Idaho—State Hy. Dept., Boise, improving 3.377 mi. Federal Aid Project 86-B, Canyon Co., to O. Nelson, Logan, Utah, $88,421. Noted Mar. 18.

Idaho—State Hy. Dept., Boise, grading, etc., 0.547 mi. Emmet branch of Payette State Highway, State Aid Project 95, Gem Co., to Hollerbach Constr. Co., Boise, $16,-869. Noted Mar. 25.

Nevada — State Hy. Dept., Carson City, **(F. A. P. means Federal Aid Project)**, improving F. A. P. 90-E, Elko Co., Contr. 138, and F. A. P. 100-A, Churchill Co., Contr. 140, to A. D. Drumm, Jr., Fallon, $36,547 and $30,427 respectively; F. A. P. 90-D-A-B, Elko Co., Contr. 139, to Reynolds Ely Constr. Co., Springfield, Utah, $54,337; and F. A. P. 89-B and C, Douglas Co., Contr. 141, to Tieslau Bros., Reno, $45,806. Grand total $167,117. Noted Apr. 15.

Arizona — State Hy. Dept., c/o W. C. Lefebvre, ch. engr., improving Holbrook-Winslow Highway, Federal Aid Project 40-Reo, to G. W. McMillan, El Paso, Tex., $34,578.

Wash., Chehalis — Grading, crushed gravelling, etc., 11,000 cu.yd. Permanent Highway 14, to H. E. Doering, Portland, Ore., $35,187. Noted Apr. 15.

Wash., Seattle—Paving 15th Ave. St. et al, to Moceri Bros., 924 23rd Ave. $61,944.

Calif., Hayward — Curbing, guttering, Warrenite bitulithic on asphalt paving A St. between Western Pacific R.R. and Filbert St., to King & Jones, Hayward, $31,660.

Calif., Los Angeles—Bd. Pub. Wks., to Boulevard Land Co., 111 West 4th St., curbing portion De La Guerra St., etc., 13,189 ft. heavy at $0.60 per ft., 34,032 ft. light $0.50, Buena Ventura Ave., etc., 4,782 ft. heavy $0.60, 44,004 ft. light $0.50, Rigoletto St., etc., 1,780 ft. heavy $0.60, 16,344 ft. light $0.50, and 225,605 sq.ft. cement walk $0.175 per sq.ft.; to J. M. Shull, 1260 Locust Ave., grading, sidewalks, concrete paving, etc., 70th St. between Hoover and Vermont Aves., $31,250; to C. W. Sparks, 142 North Commonwealth Ave., curbing, sidewalks, concrete paving, retaining walls, etc., on Argosy Way between Tuxedo Terrace and Canyon Dr., $33,315; to H. A. McCray, Amer. Bank Bldg., 10 in. concrete paving 170,912 sq.ft. Cahuenga Pass Rd., at $0.285 per sq.ft. Noted Apr. 15.

Calif., Los Angeles — Grading, curbing, rock and oil surfacing and concrete paving, etc., portion of Crescent Heights Blvd., to G. H. Oswald, 366 East 58th St., $41,542.

Calif., Los Angeles — Grading, curbing, walks and concrete paving, etc. Fargo St. between Alvarado and Allesandro Sts., to O'Brien & Collins, 1566 Murray Circle, $51,869; also grading, curbing, guttering, asphalt and concrete paving, etc. Neptune St. between Anaheim St. and Inner Bay Exception Line, to G. H. Oswald, 366 East 58th St., $404,480. Noted Apr. 15 and 29.

Calif., Newport Beach — City Council, grading, curbing, guttering, walks and concrete paving Coast Blvd., etc., to J. P. Benson, 943 South Windsor Blvd., Los Angeles, $281,895.

Calif., Santa Barbara—First Natl. Bank, curbing, walks, etc. on Samarkand Hills Tract, to C. T. Richardson, 525 West Haley St., $36,540.

Calif., Santa Cruz — Grading, curbing, walks and paving, etc., Cayuga, Hiawatha Sts., etc., to Thompson Bros., Fresno, $33,-098.

Ont., Beaverton — Curbing, guttering, bitulithic concrete on concrete paving 1 mi. various streets, to Warren Bituminous Paving Co., 54 University Ave., Toronto. Engrs. est. $50,000. Noted Apr. 1.

B. C., Point Grey — For 7 in. concrete paving one side Dunbar St. from 29th to 41st Aves., to Armstrong, Morrison & Co., 543 Granville St., Vancouver, $25,[illegible].

Buildings—Commercial

Proposed Work

New Hampshire — ARMORIES — State, State House, Concord, rejected bids Apr. 29, 2 story and basement, 62 x 91 ft., armory at Keene, and 88 x 115 ft. armory at Berlin, both brick and stone. To exceed $150,000. Will probably readvertise. Butterfield-Gretin Co., Beach St., Manchester, archts. Noted Apr. 22.

Vt., Barre—ARMORY—State of Vermont, H. T. Johnson, genl. Montpelier, having revised plans prepared by F. L. Austin, 240 College St., Burlington, 3 story, 76 x 124 ft., rein.-con. and stone armory. $150,000. Former bids rejected. Noted Apr. 8.

Mass., Boston — HOSPITAL — Commonwealth of Massachusetts, Health Dept., State House, plans Massachusetts Sanatarium to care for cancer patients. $500,-000. Engineer and architect not selected.

Mass., Boston — HOTEL — Corporation, c/o W. I. Schell, atty., 73 Tremont St., plans probably 14 story hotel, or site of old Youngs Hotel. To exceed $150,000. Engineer and architect not selected.

Mass., Lawrence—AUDITORIUM—City, Auditorium Com., having plans prepared by J. E. Allen, 283 Essex St., for auditorium. To exceed $150,000.

Mass., Malden (br. Boston)—MARKET—J. B. Blood Co., 94 Summer St., Lynn, plans 1 story and basement, brick, 414-424 Main St., here. To exceed $150,000. Engineer and architect not selected.

Mass., Worcester—AUDITORIUM—City, Pub. Building Dept., will not construct auditorium, 5,000 seating capacity, Lincoln Sq. $2,500,000. Project abandoned. Noted Apr. 15.

Conn., Bridgeport — BANK — West Side Bank, 1418 State St., having plans prepared by E. B. Caldwell, 886 Main St., 2 story and basement, 55 x 110 ft., brick and stone bank. $150,000.

Conn., Hartford — COURT HOUSE — Hartford Co. Building Com., S. H. Graham, secy., receiving competitive plans court house, Washington St. $1,500,000. Noted June 11.

Conn., New Haven — STORE and OFFICE—F. W. Woolworth Co., 834 Chapel St., having plans prepared by Westcott & Mapes, Inc., 207 Orange St., 6 story, 75 x 75 ft., brick and steel, Chapel St. $200,000.

N. Y., Brooklyn—APARTMENT—Owner, c/o McCarthy & Kelly, archts. and engrs., 159 Remsen St., having plans prepared 6 story, brick and stone, plain foundation, Ft. Hamilton Ave. $350,000.

N. Y., Buffalo—STORE and OFFICE—A. B. Watson, Fidelity Bldg., had plans prepared by Bly & Lyman, 505 Delaware Ave., 3 story, 150 x 190 ft., store and office, Elmwood Ave. $190,000.

N. Y., Long Beach—HOTEL—L. Saltzman, S. Ash, and T. Schwarzman, c/o F. E. Quimby, engr. and archt., 110 William St., New York, having plans prepared brick and steel, plain foundation, Boardwalk. $4,000,-000.

N. Y., New York — CLUB HOUSE — Rutgers Club, 314 West 91st St., soon take bids 5 story, brick and stone, plain foundation, West 91st St. $150,000. C. Whinston & Bro., 2 Columbus Circle, engrs. and archts.

N. Y., New York — HOSPITAL — State Hospital Comrs., Albany, soon takes bids brick and stone, plain foundation, 168th St. and Haven Ave., for Psychiatric Hospital, 168th St. and Bway. $2,000,000. Noted Dec. 31.

N. Y., Rochester—STORE and OFFICE—S. Firestone, engr., 59 South Ave., soon take bids 4 story and basement, 36 x 165 ft., brick and steel, plain foundation, 202 East Main St., for Neisner Bros., 49 East Ave. $300,000.

N. Y., Rochester — STORE, THEATRE and OFFICE—L. Lempert, archt., 1154 Mercantile Bldg., preparing plans 2 story and basement, 127 x 160 ft., brick, steel and stone, South Clinton St., for Greater Rochester Properties, 207 Lafayette Bldg., Buffalo. $1,125,000.

N. Y., Yonkers—HOTEL—Bardley Realty Co., c/o Deutsch & Schneider, engrs. and archts., 35 Maiden Lane, New York City, having plans prepared brick, steel and stone, plain foundation, Park Hill, here. $1,300,000.

N. J., Elizabeth—Y. M. C. A., 1164 East Jersey St., C. N. Durrie, chn., 530 Madison

Buildings—Commercial (Continued)

Ave., plans new building. $500,000. Engineer and architect not selected.

Pa., Phila.—STORE—W. H. Gravell & A. W. Hall, archts., Otis Bldg., soon lets contract for 4 story and basement, 40 x 153 ft., rein.-con., brick and steel, plain foundation. 1915-19 Chestnut St. $200,000. Owner's name withheld.

Pa., Pittsburgh—APARTMENT HOTEL—Hamilton Impvt. Co., takes bids about July 1 for 4 story and basement, irregular shaped apartment hotel, Penn Ave. and Fairmont St. $230,000. F. Giffen, Magee Bldg., archt.

Pa., Pittsburgh — CLUB HOUSE — East Liberty Bowling Assn., Collins Ave. and H. C. Hodgkins, archt., take bids about May 10, 3 story and basement, 100 x 187 ft. clubhouse, Collins Ave. $150,000.

Pa., Pittsburgh—Y. M. C. A. having plans prepared by R. M. Trimble, Ferguson Bldg., 4 story and basement, 60 x 100 ft. building North Ave. and Monterey St. $250,000. Former bids rejected. Noted Apr. 15.

Fla., Ft. Myers—HOTEL—C. W. Russell and associates, having plans prepared by W. H. Thomas, Ft. Myers, for Community Hotel. $1,100,000.

Fla., Perry—HOTEL—Griner Hotels, Inc., and associates, soon lets contract for Dixie-Tayler Hotel, steel and rein.-con. $260,000. F. A. Winn, Jr., 706 Franklin St., Tampa, archt. Noted Mar. 11.

Fla., St. Petersburg—HOTEL—B. Ely purchased site and plans hotel on site of Old Christian Church. $1,000,000.

Miss., Jackson — HOSPITAL — State Impvt. Com., Jackson, appointed N. W. Overstreet, archt., Jackson, to prepare plans hospital for insane, near here. $2,500,000. Noted Apr. 18.

O., Cleveland — APARTMENT — and LODGE — G. Stewart, archt., Pittsburgh Bldg., St. Paul, Minn., takes bids about June 1, 10 story and basement, brick, steel and concrete, East 40th St. and Windsor Ave., for Fraternal Order of Eagles, Aeria 135, T. J. Long, pres. $1,400,000.

O., Cleveland—AUTO SALES and SERVICE—Barnes Motor Co., (Dodge Bros. Agency), c/o W. P. Barnes, pres., 1938 East 21st St., purchased 100 x 376 ft. site and plans 3 or 4 story, brick and rein.-con., 2830 Prospect Ave. $300,000. Engineer and architect not selected.

O., Massillon—OFFICE—Ohio Pub. Serv. Co. soon takes bids 4 story and basement, 66 x 90 ft. modern construction, Mill and Plum Sts. $160,000-$175,000.

Ind., Gary—HOTEL—Gary Land Co., 6th St. and Bway., having preliminary plans prepared 12 story and basement hotel. $2,000,000.

Ind., Indianapolis — THEATRE — O. Markum, 4020 East New York St. takes bids about May 14, 2 story and basement, 82 x 137 ft., brick, steel and rein.-con., 1,600 seating capacity, 3432 North Illinois St. $150,000. Noted Apr. 29.

Mich., Detroit—APARTMENT—Owner, c/o G. W. Graves, archt., 41 John St., had plans prepared 9 story and basement, 92 x 156 ft., rein.-con. and brick, plain foundation. $300,000.

Ill., Chicago—HOSPITAL—Garfield Park Hospital, 3813 West Washington Blvd., having plans prepared by Schmidt, Garden & Martin, 104 South Michigan Ave., 8 story and basement, 75 x 158 ft., rein.-con., brick and steel, 3821-3825 West Washington Blvd. $650,000.

Ill., Chicago — HOSPITAL — Ridge General Hospital, Inc., having plans prepared by P. T. Johnstone, 190 North State St., 6 story and basement, X shaped, 385 ft. long, rein.-con., brick, tile and terra cotta, 6542-6614 Ridge Blvd. $1,500,000.

Ill., Chicago — OFFICE and STORE — Medical Arts Club, 30 North Michigan Ave., having plans prepared by D. H. Burnham & Co., 160 North State St., 23 story and basement, 100 x 120 ft., fireproof, Lake St. and Wabash Ave. $3,000,000.

Ill., Chicago—THEATRE, STORE and APARTMENT — A. Cotter, c/o Chicago Electrical Equipment Co., 9 West 22nd St., having plans prepared by E. P. Rupert, 170 North State St., 3 story and basement, 198 x 210 ft., brick and terra cotta, 91st St. and Cottage Grove Ave. $750,000. National Theatres Corp., 310 South Michigan Ave., lessee.

Ill., Joliet—HOTEL—Zimmerman, Saxe & Zimmerman, archts., 212 East Superior St., preparing plans and take bids in June or July, 8 story and basement, 70 x 140 ft., brick and stone, Scott and Clinton Sts., for Clinton Square Hotel Co., 415 Clinton St. $350,000. Foundation for above, to Chicago Heights Constr. Co., Chicago Heights.

Wis., Manitowoc—HOTEL—M. Tullgren & Sons Co., archts., 9 Waverly Pl., Milwaukee, takes bids about May 17, 6 story and basement, 92 x 120 ft., rein.-con., brick, and terra cotta, plain foundation, North 8th St., for Manitowoc Hotel Corp., G. Vits, 15th and Franklin Sts., pres. $300,000. Noted Mar. 18.

Mo., St. Louis—EMPLOYES—Bd. Pub. Serv., 208 City Hall, soon takes bids group 2 story and basement, rein.-con., brick and stone buildings at City Sanitarium, Arsenal St. $466,000. L. R. Bowen & H. Updike, engrs., and L. R. Bowen & A. Osburg, archts., all 301 City Hall.

Tex., San Antonio—BUSINESS—McCrory Stores Corp., 1107 Bway., New York City, takes bids about May 18, 2 story and basement, 140 x 190 ft., rein.-con. and brick, plain foundation, Houston and Navarro Sts., here. $200,000. Private plans. Noted Jan. 7.

Wash., Seattle—CLUB—Rainier Club, J. Collins, pres., takes bids about May 26, 4 story, 56 x 66 ft., brick and terra cotta addition, 4th and Marion Sts. $150,000. Bebb & Gould, Denny Bldg., archt.

Calif., Santa Barbara—COURTHOUSE—Santa Barbara Co. plans election $700,000 bonds, fireproof courthouse. Previous election defeated. Noted Jan. 21.

B. C., Vancouver—OFFICE—W. Dicks, 45 Hastings St. E., takes bids about Sept. 7, 4 story, 52 x 120 ft., rein.-con. and terra cotta, Hastings and Homer Sts. $150,000. Townley & Matheson, 325 Homer St., archts.

Bids Desired

Mass., Boston — STORE and SALESROOM—See "Contracts Awarded."

Mass., Brookline (br. Boston)—APARTMENT—See "Contracts Awarded."

Mass., Worcester — THEATRE, STORE and APARTMENT—M. J. Steinberg, Main St., Webster, taking bids 3 story and basement, 75 x 95 ft., brick and steel, Peidmont St., here. $150,000. Blachall & Elwell, 44 Bromfield St., Boston, archts.

N. Y., New York—APARTMENT—See "Contracts Awarded."

N. Y., New York—LOFT—See "Contracts Awarded."

Pa., Phila. — APARTMENT — I. Dozer, 5649 Sansom St., taking sub-bids 4 story and basement 100 x 150 ft., brick and steel, plain foundation, Chestnut St. between West 62nd and 63rd Sts. $300,000. Private plans.

Pa., Phila. — HOTEL — W. L. Charr, archt., Victory Bldg., taking sub-bids 5 story and basement, 55 x 235 ft., rein.-con., brick and steel, plain foundation, 915-17 Walnut St., for J. E. Becker & D. Rosen, 411 Walnut St. $400,000. Work will be done by separate contracts.

O., Youngstown — GARAGE — E. W. Leedy, Stambaugh Bldg., taking bids 6 story and basement, 107 x 161 ft., brick and rein.-con. garage. $300,000. B. E. Brooke, Park Theatre Bldg., archt. and engr.

Mo., Kansas City — APARTMENT — See "Contracts Awarded."

Mo., Kansas City—OFFICE, THEATRE and BUSINESS—See "Contracts Awarded."

Mo., Maplewood (br. St. Louis)—HOTEL—See "Contracts Awarded."

Calif., Brawley — HOTEL — O. C. Frye, archt., Grosse Bldg., Los Angeles, taking bids 4 story and basement, rein.-con. hotel, here, for Brawley Hotel Co. $200,000.

Calif., Inglewood—HOTEL and STORE—C. C. Frye, archt., Grosse Bldg., Los Angeles, taking bids 4 story and basement, 90 x 185 ft., brick and rein.-con., Queen and Locust Sts., here, for Income Community Properties Co., Inc.

Calif., Los Angeles—APARTMENT—See "Contracts Awarded."

Calif., Los Angeles — THEATRE — Chotiner Amusement Corp., 3000 West 8th St., taking bids 2 story, 130 x 137 ft., brick, Northwest 9th St. and La Brea Blvd. $275,000. R. D. King, 1124 Van Nuys Bldg., archt. Noted Oct. 1.

Calif., Los Angeles—THEATRE, STORE and OFFICE—L. O. Macloon, 940 South Figuero St., taking bids 3 story, 120 x 141 ft. theatre, 44 x 141 ft. store and office, rein.-con., 736-46 South Figueroa St. $150,000. L. A. Smith, Film Exch. Bldg., archt.

Calif., Oakland — APARTMENT — See "Contracts Awarded."

Calif., Oakland — CATHEDRAL — C. Werner, archt., Santa Fe Bldg., San Francisco, taking bids steel and stone, Oak St. facing Lake Merritt, for Masonic Cathedral Assn. of Oakland. $1,000,000. Noted Jan. 21.

Calif., Oakland — HOSPITAL — E. W. Cannon, archt., 1924 Bway., taking bids 2 story, brick and steel, 51st and Dover Sts., for Baby Hospital of Alameda Co., c/o architect. $200,000. Noted Feb. 4.

Calif., San Francisco — WAREHOUSE and OFFICE — H. J. Brunnier, engr., Sharon Bldg., taking bids 2 story, concrete, 4th and Townsend Sts., for Amer. Radiator Co., 2nd and Townsend Sts. $150,000 or more. Noted Mar. 18.

Bids Received

N. Y., New Rochelle—BATH HOUSE—Westchester Co. Park Comn., 72 Pondfield Rd., Bronxville, May 10, bath house at Glen Islands Park, here, Contr. 58, from Kenneth Mackay Co., Inc., Hook Rd., Yonkers, $207,525. Noted Apr. 22.

N. J., Trenton—FIRE HEADQUARTERS—City Comn., general contract 2 and 4 story fire headquarters, Perry St., from General Constr. and Con. Co., Broad St. Bank Bldg., $276,500. Noted Apr. 22.

Tenn., Murfreesboro—HOSPITAL—City, Rutherford Co. and endowment, S. H. Christy, chn., brick, stone and concrete hospital, from Foster-Creighton & Co., 4th and 1st Natl. Bank Bldg., Nashville, approximately $150,000. Noted Mar. 4.

Neb., Omaha — SERVICE—Metropolitan Utilities Dist., City Hall, Apr. 27, 4 story, 140 x 172 ft., steel, 20th and Center Sts., from Parsons Constr. Co., Grain Exchange Bldg., $307,376. Noted Feb. 4.

Calif., Berkeley—LODGE—I. O. O. F. Hall Assn., general contract 3 story and basement, steel and rein.-con., Bancroft Way, from Conner & Conner, 1726 Grove St., $135,500. Noted Apr. 29.

Contracts Awarded

N. H., Littleton — THEATRE — H. B. Eames, 2 story, 60 x 125 ft. steel and stucco, to I. F. Pennock & Son, Littleton. Archts. est. $150,000. Noted Aug. 20.

Mass., Amherst — THEATRE — Lawler Bros., Federal St., Greenfield, 2 story and basement, brick and steel, Amity and Pleasant Sts., to M. J. Walsh & Sons, 1412 Dwight St., Holyoke. Archts. est. $150,000. Noted Apr. 1.

Mass., Boston — APARTMENT — The Embassy, Inc., c/o J. S. Draper, 209 Summer St., 11 story and basement, 150 x 150 ft., brick and steel, 390 Beacon St., to W. H. Whitcomb Constr. Co., 6 Beacon St. Archts. est. $1,250,000. Noted Apr. 29.

Mass., Boston—MARKET—Boston Real Estate Trust, c/o Shepard & Stearns, archts., 65 Franklin St., 4 story and basement, 65 x 107 ft., brick, Union and North Sts., to Archdeacon & Sullivan, 5 East Concord St. Archts. est. $160,000. First Natl. Stores, 5 East Concord St., lessees. Noted Apr. 15.

Mass., Boston — STORE and SALESROOM—Carlin & Cheney, 333 Washington St., will build 9 story and basement, 60 x 75 ft., 39-49 Portland St. $200,000. Work will be done by separate contracts. G. N. Jacobs, 4 Park St., archt. Noted Apr. 22.

Mass., Brookline (br. Boston)—APARTMENT—Berch & Cadigan, 62 Dover St., Boston, will build 3 story and basement, brick and stone, Thatcher St. $170,000. Work will be done by separate contracts. F. A. Norcross, 46 Cornhill, Boston, archt.

Mass., Brockton — BANK — Brockton Natl. Bank, C. R. Fillebrown, pres., 2 story and basement, rein.-con., brick and stone, Main and Church Sts., to H. C. Briggs Co., 695 Belmont St. Archts. est. $150,000. Noted Apr. 15.

Mass., Hyannis—TOWN HALL—Town, E. W. Lovell, chn. com., 2 story, basement and 2 wings, 65 x 95 ft., brick and stone, to C. A. Batson Co., 25 Arlington St., Brockton. Archts. est. $150,000. Noted Apr. 22.

Mass., Peabody—CLUB—Salem Country Club, R. Lawson, chn., 2 story, brick, to Pitman & Brown, 11 Washington St., Salem. Archts. est. $150,000. Noted Apr. 22.

Conn., Guilford—THEATRE and STORE—United Theatres, Inc., c/o J. Weinstein, archt., Metropolitan Bldg., Chapel St., New Haven, 2 story, brick and steel, plain foundation, Water St., here, to F. D. Spencer, 43 South Fair St. Archts. est. $150,000. Noted Feb. 11.

N. Y., Brooklyn—THEATRE—Emblum Holding Co., 292 Flatbush Ave., brick and stone, plain foundation, Sutter Ave., to M. Shapiro & Son, 1560 Bway., New York City. Archts. est. $400,000.

N. Y., Buffalo—THEATRE—J. Rosing & Sons, Lafayette Theatre, for theatre, Bway. and Detroit St., to Chase Paris Constr. Co., c/o H. L. Spann, archt., 52 West Chippewa St. $350,000.

N. Y., New York — APARTMENT — C. Gioffi, c/o L. Pisciotta, archt. and engr., 565 East Tremont Ave., archt., will build 5 story, brick and stone, plain foundation, Cypress Ave., by day labor. Archts. est. $200,000.

N. Y., New York—APARTMENT—Spoffard Impvt. Co., c/o L. Pisciotta, archt. and engr., 565 East Tremont Ave., will build 5 story, brick and stone, plain foundation, Tremont Ave., by day labor. Archts. est. $200,000.

N. Y., New York—LOFT—Realty Constr. Co., c/o Shampan & Shampan, archts and engrs., 188 Montague St., Brooklyn, archts., will build 21 story, brick and stone, 309 7th

Buildings—Commercial (Continued)

Ave. $2,000,000. Work will be done by separate contracts, under supervision of architects.

Pa., Beaver Falls — HOTEL, BANK, OFFICE, etc.—G. Davidson, 1st Natl. Bank Bldg., 5 and 6 story and basement, 108 x 136 ft., to H. Wimer, Butler. Archts. est. $250,000. Noted Nov. 12.

Pa., Phila.—HOTEL—See "Bids Desired."

Pa., Pittsburgh — HOSPITAL—Columbia Hospital Assn., Wilkinsburg, general contract 4 story and basement, irregular shaped addition West St., to C. H. Kerr Co., Vanadrum Bldg. Archts. est. $150,000.

Pa., Pittsburgh—STORE and OFFICE—L. A. Meyron & H. H. Heene Estate, c/o E. G. Hartje, Nicholas Bldg., 5 story and basement store and office building 5th Ave., to F. W. Woolworth Co. (contractor and lessee), 233 Bway., New York City, N. Y. Archts. est. $350,000.

Pa., Wilkinsburg — HOTEL — Jansen & Cocken, archts., Century Bldg., Pittsburgh, general contract 6 story and basement, 122 x 128 ft. hotel, Penn and Center Aves., here, to E. Z. Peffer, Hill Ave., for Penn Lincoln Hotel. $600,000. Noted Apr. 15.

Ala., Birmingham—HOTEL—D. O. Whilldin, archt., Birmingham, 19 story, 100 x 125 ft., steel and terra cotta, 2nd Ave., to Foster-Creighton Co., 4th and 1st Bldg., Nashville, for Jefferson Hotel Co. 1,500,000. Noted Apr. 1.

Tenn., Memphis—WAREHOUSE—W. E. Stansbury, 244 Stonewall Pl., branch contract 2 story warehouse, Front St., to Wessels Constr. Co., North Front St. Archts. est. $150,000. Pittsburgh Steel Co., Exch. Bldg., lessee.

Ill., Chicago—APARTMENT—W. Wallen & Sons, 6712 North Clark St., masonry and concrete contract 8 story and basement, 150 x 225 ft., rein.-con. and brick, Sheridan Rd. and Foster Ave., to Shellberg Constr. Co., 6712 North Clark St.; plumbing, to Nelson Bros., 3530 North Clark St. Archts. est. $2,000,000. Noted Apr. 8.

Ill., Chicago—APARTMENT—H. Lanski of Sheridan Building Corp., 77 West Washington St., masonry contract 7 story and basement, 60 x 250 ft., 1148-1152 Sheridan Rd., to J. Troff, 3735 North Clark St. Archts. est. $750,000. Noted Apr. 29.

Ill., Chicago — APARTMENT — Edsall Manor Apartment Building Corp., c/o A. Proskaner, archt., 159 North State St., terra cotta contract 6 story and basement, 50 x 143 ft., 915 Glengle Pl., to Midland Terra Cotta Co., 105 West Monroe St.; masonry contract, to N. S. Constr. Co., 4440 North Kedzie Ave.; steam fitting, to Kohlbry Howlett Co., 63 West Ontario St. Archts. est. $350,000.

Ill., Chicago — BANK — W. H. Lantz, archt., 806 West 79th St., masonry contract 2 story, 50 x 117 ft., rein.-con., brick and stone, Halsted St. between 78th and 79th Sts., to Olson Bros., 6901 Euclid Ave., for Mutual Natl. Bank, 7829 South Halsted St. Archts. est. $250,000. Noted Feb. 4.

Ill., Chicago — HOSPITAL — D. G. Wallace, archt., 22 West Monroe St., general contract 6 story and basement, 50 x 174 ft., fireproof, 6970 North Clark St., to Ebenholtz & Jorgensen, 1720 California Ave., for S. P. Machler, 159 North Lake St. Archts. est. $450,000.

Ill., Chicago — THEATRE, STORE, OFFICE and APARTMENT — Northwestern Amusement Co., 4750 Milwaukee Ave., general contract 3 story and basement, 125 x 158 ft., Menard Ave. and Irving Park Blvd., to S. L. Cooper, 139 North Clark St.

Wis., Fond du Lac — COURT HOUSE — Fond du Lac Co., 3 story and basement, brick, stone and concrete plain foundation, general contract, to L. F. Schroeder Constr. Co., 13 East 1st St., $98,921. Noted Apr. 15.

Wis., Milwaukee—THEATRE and BUSINESS—Bay View Theatre Co., c/o F. Rigas, 174 2nd St., 2 story and basement, 160 x 182 ft., brick, concrete and terra cotta, plain foundation, Kinnickinnic Ave., to Czaplewski Bros., 613 Mitchell St. Archts. est. $300,000.

Kan., Abilene—PASSENGER STATION —See "Buildings—Industrial."

Neb., Grand Island — THEATRE — E. Wolbach, for Capitol Theatre, for Universal Films Corp., to Goehring-Sothman Co., Grand Island, $175,000. Noted Apr. 1.

Neb., McCook — COURT HOUSE — Red Willow Co., 4 story, 70 x 100 ft., rein.-con. and brick, plain foundation, to F. Swanson, McCook, $169,896. Noted Feb. 18.

Mo., Kansas City—APARTMENT—G. L. Williams, Peoples Trust Co., R. A. Long Bldg., will build 2 story and basement, 118 x 158 ft., brick, 10th and Penn. Sts., by day labor, under supervision of R. J. DeLano, Land Bank Bldg. $200,000.

Mo., Kansas City—OFFICE, THEATRE and BUSINESS—Lowes Inc., 1540 Bway., New York City, N. Y., 5 and 12 story and basement, 121 x 138 x 255 ft., rein.-con., steel and terra cotta, 13th, Main and Baltimore Sts., to Midland Investment Co., 18 East 14th St. Archts. est. $4,000,000. Work will be done by separate contracts. Noted Jan. 28.

Mo., Maplewood (br. St. Louis)—HOTEL —Brown Realty Co., 7161 Manchester Ave., will build 7 story and basement, 135 x 155 ft., rein.-con., brick and terra cotta, Manchester and Yale Aves., by day labor. $500,000. Private plans.

Calif., Los Angeles—APARTMENT—D. Lazar, 3871 West 6th St., will build 4 story and basement, 115 x 126 ft., brick, South Lake St., by day labor. $150,000.

Calif., Los Angeles—APARTMENT—E. M. Frasier, Insurance Exch. Bldg., 4 story and basement, brick and steel, Western Ave., to J. P. Taylor, 1117 Insurance Exch. Bldg., $150,000.

Calif., Los Angeles — APARTMENT — P. W. Howles, 5 story and basement, 70 x 120 ft., rein.-con., South St. and Andrews Pl., to N. H. Dickerman, 2795 West 8th St., $150,000.

Calif., Los Angeles — APARTMENT — Union Eng. Co., Bartlett Bldg., will build 4 story and basement, 50 x 115 ft., brick and steel, Ocean View Ave., by day labor. $150,000.

Calif., Los Angeles — STORE — Ralphs Grocery Co., 926 West 7th St., general contract 2 story, 150 x 200 ft., rein.-con., 7th Ave. and Washington St., to Bradbury Constr. Co., 1925 East 16th St., $132,500.

Calif., Los Angeles — STORE, OFFICE and GARAGE — M. Winter, c/o N. W. Alpaugh, archt., 2404 West 7th St., 13 story and basement, concrete and steel, Spring St., to Winter Constr. Co., 2404 West 7th St. Archts. est. $500,000.

Calif., Los Angeles—THEATRE—Morgan, Walls & Clements, archts., Van Nuys Bldg., rein.-con., Hollywood Blvd., to W. Simpson Constr. Co., Bank of Italy Bldg., for Hollywood Music Box, Inc. $168,500. Noted Feb. 25.

Calif., Oakland — APARTMENT — Sommarstrom Bros., 1536 Franklin St., will build 4 story, brick and steel, Bay Pl. and Montecito St., by day labor. $250,000. Noted Jan. 21.

Calif., San Francisco—APARTMENT and STORE—M. A. Hunt, 916 Van Ness Ave., 6 story and basement, rein.-con., Fern Ave. and Franklin St., to Helbing Co., 916 Van Ness Ave., $150,000.

Buildings—Industrial

Proposed Work

N. Y., Arcade—SHOE FACTORY—O'Dell & Eddy, Arcade, plans rebuilding shoe last factory, recently destroyed by fire, $100,000.

N. Y., Brooklyn — SERVICE, REPAIR SHOP and GARAGE — F. Savignano (owner, archt. and engr.), 6005 14th Ave., preparing plans rein.-con., brick and steel, plain foundation, 8124 18th Ave. $100,000.

N. Y., Kenmore — AIR PRODUCTS PLANT—Air Reduction Sales Co., Inc., 730 Grant St., Buffalo, plans rein.-con. and brick, plain foundation. $40,000.

N. Y., Kenmore—PEROXIDE PLANT—Buffalo Electro-Chemical Co., River Rd., plans plant. $200,000.

N. Y., Messena — WIRE MILL — Aluminum Co. of America, Oliver Bldg., Pittsburgh, Pa., having plans prepared 1 story, 150 x 310 ft., brick and steel mill, here. $350,000. Private plans.

N. Y., New York—SERVICE, REPAIR SHOP and GARAGE—Jardine, Hill & Murdock, archts. and engrs., 347 Madison Ave., preparing plans rein.-con., brick and steel, plain foundation, 250 West 25th St. $80,000. Owner's name withheld.

N. Y., New York—SHOP and STORAGE, etc.—Dept. Water Supply, Gas & Electricity, Municipal Bldg., plans rein.-con., brick and steel shop, storage and distributing building, plain foundation, Jerome Ave. $100,000.

N. Y., Pittsford—POWER HOUSE—Sisters of St. Joseph, c/o J. Flynn, archt., 217 East Ave., Rochester, soon take bids 4 story and basement, rein.-con., brick and stone, power house and boiler room, plain foundation. $750,000.

N. Y., Ray Brook—POWER PLANT—State Hospital Comn., Albany, having plans prepared by State Architect, Albany, brick and stone, plain foundation, here. $[illegible],000. Noted Apr. 29.

N. Y., Rochester—GARAGE—Stone & Stone, 208 Natl. Bank Bldg., having plans prepared by R. O. Derrick, 120 Madison Ave., Detroit, Mich., and Gordon & Kaelber, associated archts., Sibley Blk., 6 story and basement, 106 x 150 ft., rein.-con., Achilles and Stillson Sts. $300,000.

N. Y., Yonkers—LABORATORY—American Radiator Co., 40 West 40th St., New York City, having plans prepared by L. Gudick, engr. and archt., South Bway., rein.-con., brick and steel, plain foundation, Bronx River Rd. $100,000.

N. J., Trenton—ELECTRICAL BUILDING—Pub. Serv. Corp., plans electrical building at Pauls Grove. $60,000. Engineer and architect not selected.

O., Marion—FACTORY and OFFICE—Fairfield Eng. Co., takes bids about May 31, 1 story and basement, factory and office, etc., Barnhart St. $40,000.

Ill., Chicago — POWER HOUSE — Graham, Anderson, Probst & White, archts., 80 East Jackson Blvd., soon lets contract 2nd section Crawford Ave. power plant, 1 story, 180 x 213 ft., incl. boiler and turbine rooms, transformer house, etc., for Commonwealth Edison Co., 72 West Adams St. $2,000,000.

Ill., Chicago—DAIRY—Lantz & Christensen, archts., 806 West 79th St., soon takes bids 2 story, 125 x 125 ft. dairy, and 60 x 100 ft. barn, fireproof, West 69th St. and Hoyne Ave., for Clover Leaf Dairy Co., c/o architects. $250,000.

Ill., Chicago — PIE FACTORY — Littler-Davis Pie Co., 113 Ann St., having plans prepared by Mundie & Jensen, 39 South La Salle St., and takes bids about June 3, 2 story and basement factory. $700,000.

Wis., Milwaukee—FACTORY—F. Achaff, 71 2nd St. and Henschien & McLaren, archts., 1637 Prairie Ave., Chicago, Ill., take bids about May 17, 3 story and basement, 86 x 120 ft., brick and concrete, plain foundation, Clybourn St. $75,000.

Mo., St. Louis—BOILER HOUSE— See "Waterworks."

Que., Levis — PAPER MILL — Canadian International Paper Co., Three Rivers, making plans paper mill. $5,000,000. A. H. White, c/o owner, engr.

Bids Desired

Mass., Brighton (Boston P. O.) — REPAIR and SERVICE GARAGE—Warren Eng. Co., engrs., 50 Terminal St., Boston, taking bids 2 story, 40,000 sq.ft. floor space, rein.-con. and brick addition, North Beacon St., here, for Mack Motor Truck Co., 75 North Beacon St. $150,000.

Mass., Cambridge (Boston P. O.)—FACTORY—Lever Bros., Bway., taking bids 3 story and basement, 90 x 90 ft., brick addition. $50,000. C. R. Main, 220 Devonshire St., Boston, engr.

N. Y., New York—SERVICE STATION —May 15, by A. Kahn, archt., 1000 Marquette Bldg., Detroit, Mich., 5 story and basement, 100 x 200 ft., rein.-con., brick and steel, plain foundation, Columbus Ave. and 61st St., here, for Packard Motor Car Co., East Grand Blvd., Detroit, Mich.

Pa., Phila. — DYE FINISHING and POWER PLANT — May 14, by W. E. T. Dyer, archt., Land Title Bldg., 1 story, 54 x 257 ft., rein.-con. and brick, plain foundation, Umbria and Lemonte Sts., here, for Manayunk Plush Co., 109 Levering St., Manayunk.

O., Cleveland—FACTORY—G. S. Rider Co., archts., Century Bldg., taking bids 1 story, 90 x 120 ft., brick and steel addition, East 49th St., for Cleveland Wire Spring Co., J. W. Campbell, secy. and treas., 1281 East 31st St. $50,000.

O., Cleveland — FACTORY — Sawyer Gear & Mfg. Co., W. R. Sawyer, pres., 5122 St. Clair Ave., taking bids 2 story and basement, 100 x 100 ft., brick and steel, 5122 St. Clair Ave. $50,000. Private plans.

Ind., Marion—FACTORY—Suraltz Glove Co., taking bids 1 story, 131 x 161 ft., brick and steel factory. $45,000. Private plans.

Ind., Michigan City—FOUNDRY—Josam Co. taking bids 1 story, 130 x 160 ft., brick and steel foundry. $45,000. Private plans.

Ill., Chicago—MACHINE SHOP, WAREHOUSE, etc.—See "Contracts Awarded."

Wis., Sheboygan — FACTORY — E. A. Juul, archt., Security Natl. Bldg., taking bids 4 story, 40 x 108 ft., rein.-con., brick and steel addition, plain foundation, for Northfield Co., 18th St. and Martin Ave. Noted Apr. 29.

Wis., Stevens Point — FACTORY — See "Contracts Awarded."

Buildings—Industrial (Continued)

Kan., Abilene — FREIGHT and PASSENGER STATION — See "Contracts Awarded."

Mo., St. Louis — BAG FACTORY — See "Contracts Awarded."

Tex., Beaumont—REFINERY—See "Contracts Awarded."

Calif., San Francisco — SHOPS — See "Contracts Awarded."

Bids Received

Tex., San Antonio—CANDY FACTORY—G. A. Duerler Mfg. Co., 325 West Commerce St., 6 story and basement, 140 x 160 ft., rein.-con. and brick, plain foundation, Camp St. near Southern Pacific R.R. tracks, from E. Oeflinger, c/o Builders Exch. Bldg., $150,112. Noted Apr. 22.

Contracts Awarded

Mass., Cambridge (Boston P. O.) — REPAIR and SERVICE GARAGE—E. Adamson, 75 Tremont St., Boston, 1 and 2 story, 90 x 95 ft., rein.-con. and brick, Bay St., to J. J. Powers, 33 Mystic Ave. Archts. est. $50,000.

Mass., Holyoke—BOILER HOUSE—City, Gas Dept., brick and steel boiler house, to P. J. Kennedy Co., Inc., 46 Park St. Archts. est. $40,000. Noted Apr. 15.

Mass., Medfield—REPAIR and SERVICE GARAGE—E. C. Pierce, 1 story, 80 x 120 ft., rein.-con., brick and steel, to A. Kingbury, Spring St. Archts. est. $45,000. Noted Apr. 15.

Mass., Peabody — FACTORY — Hunt-Rankin Leather Co., Summit St., 1 story, timber factory, to Roope & Folkins, 73 North St., Salem. Archts. est. $40,000.

Mass., Watertown (Ind. br. Boston)—REPAIR and SERVICE GARAGE — J. Rubin, 103 Bloomingdale St., Chelsea, 1 story, 100 x 150 ft., brick and steel, Mt. Auburn St., to L. Rubin, 103 Bloomingdale St., Chelsea. Archts. est. $45,000.

R. I., Providence—BRICK FACTORY—W. C. Freene Co., Manufacturing Bldg., 2 story, 40 x 125 ft., with 2 ells, brick and steel, Parsonage and South Sts., to C. K. Rathbone, 112 Medway St. Archts. est. $60,000.

Conn., Stamford—GAS PLANT—Stamford Gas & Electric Co., 11 Bank St., 1 story, 44 x 60 ft., brick and steel gas plant, also gas container, 1,000,000 cu.ft. coal gas daily capacity, to West Gas & Impvt. Co., 441 Lexington Ave., New York City. Archts. est. $175,000.

Pa., Easton — MILL — Ballinger Co., archts., 12th and Chestnut Sts., Phila., 1 story, 118 x 163 ft., rein.-con. and brick addition, plain foundation, St. John St., here, to Bechtel & Bechtel, Easton, for Gunning Silk Co. Noted Mar. 4.

Pa., Fallston (New Brighton P. O.) — MANUFACTURING—Correst Measure Co., Moose Bldg., Rochester, general contract 1 story, 140 x 150 ft., brick and steel manufacturing plant, here, to Inland Constr. Co., 5612 Penn Ave., Pittsburgh. Archts. est. $100,000.

Pa., McKees Rocks—WAREHOUSE and MANUFACTURING—Enterprise Stamping Co., general contract 2 story, approximately 100 x 250 ft. addition, to Austin Co., Union Trust Bldg., Pittsburgh. Archts. est. $150,000.

Pa., Phila.—MANUFACTURING—General Electric Co., Witherspoon Bldg., for Building 9, 74 x 100 ft., Building 10, 106 x 601 ft. and Building 11, 74 x 103 ft., each 7 story and basement, rein.-con. and brick, Elmwood Ave. between 68th and 70th Sts., to Turner Constr. Co., 1700 Walnut St. Archts. est. $1,500,000. Noted Apr. 22.

Md., Baltimore—FACTORY—C. T. Smith & Co., 409 East Saratoga St., 2 story and basement, 75 x 201 ft., rein.-con. and brick, plain foundation, Aiken and Curtain Sts., to Price Constr. Co., Maryland Trust Bldg., $80,000. Noted Apr. 15.

Tenn., Knoxville—MARBLE CUTTING PLANT—Gray-Knox Marble Co., 1 story, 100 x 270 ft., and 90 x 125 ft., rein.-con. and steel additions, to W. L. Nicholson Constr. Co., 102 West Clinch St., approximately $300,000.

O., Cleveland—FACTORY—Amer. Steel & Wire Co., Rockefeller Bldg., 2 story, 95 x 296 ft., steel, 810 Bway., to Amer. Bridge Co., Frick Bldg., Pittsburgh, Pa. Archts. est. $175,000.

Ind., Jasper—FACTORY—Hoosier Desk Co., general contract 3 story, 60 x 200 ft., brick and steel factory, to Seuffert & Olinger, Ferdinand. Archts. est. $40,000.

Ill., Chicago—MACHINE SHOP, WAREHOUSE, etc.—R. C. Weiboldt Co., 1534 West Van Buren St., purchased 131,000 sq. ft. site and will build fireproof warehouse, machine shop, etc., by day labor. $350,000.

Wis., Milwaukee — FACTORY — Seaman Body Corp., 1732 Richards St., 5 story, 100 x 170 ft., brick and concrete, plain foundation, Richards St., to Dahlman Constr. Co., 456 Bway., Milwaukee. Noted Apr. 22.

Wis., Stevens Point—FACTORY—Automatic Cradle Mfg. Co., E. Bukolt, mgr., 235 North 3rd St., will build 4 story, 72 x 80 ft., brick addition, plain foundation, by day labor. F. Spalenka, Normal Ave., archt.

Kan., Abilene — FREIGHT AND PASSENGER STATION—Atchison, Topeka & Santa Fe Ry., 80 East Jackson Blvd., Chicago, C. F. W. Felt, ch. engr., will build 1 and 2 story and basement, 36 x 276 ft., rein.-con., brick and stone freight and passenger station, here, by day labor. $150,000.

Mo., St. Louis—BAG FACTORY—Fulton Bag & Cotton Mills, 612 South 7th St., will remodel 5 story and basement, 130 x 160 ft. bag factory, brick and concrete, Cedar St. $60,000. Work will be done by day separate contracts, under supervision Wedmeyer & Nelson, archts., Wainwright Bldg.

Mo., St. Louis—MILK DEPOT—Pevely Dairy Co., Grand and Chouteau Aves., 1 and 2 story, 130 x 208 ft., brick and concrete, South Kingshighway, to Fruin-Colnon Constr. Co., Merchants Laclede Bldg. Archts. est. $150,000.

Ark., Camden — FACTORY — Camden Furniture Co., H. C., Rothern, pres., 1 story, 40,000 sq.ft. floor space, brick and concrete factory, to J. T. Mendenhall, Camden.

Tex., Beaumont—REFINERY—Magnolia Oil Co., will improve refinery and construct 2 new stills, by day labor. $500,000. Private plans.

Tex., Ft. Worth—BOILER ROOM—See "Buildings—Educational, Religious."

Tex., Gonzales — ICE PLANT — Texas Central Power Co., c/o Frost Bldg., San Antonio, 1 story ice plant, 40 ton capacity, brick and steel, to L. E. Myers, c/o Monadnock Bldg., Chicago, Ill., approximately $128,000 (complete). Noted Apr. 1.

Calif., Redwood City—PACKING PLANT—Pratt-Low Preserving Co., Heller St., 1 story, concrete, Hellar St., to R. O. Summers, 17 North 1st St., San Jose, $42,000.

Calif., San Francisco—SHOPS—Pacific Rolling Mill Co., 17th and Mississippi Sts., will build 1 story, 125 x 180 ft., steel, 17th and Mississippi Sts., by day labor. Private plans.

Ont., Fort Frances—POWER PLANT—Seine River Impvt. Co., general contract 1 story, 60 x 108 ft., rein.-con. and brick power plant, to Backus-Brooks Constr. Co., Fort Frances. Engrs. est. $1,000,000.

Buildings—Educational, Religious

Proposed Work

N. H., Durham—COLLEGE—University of New Hampshire, takes bids about May 15, 2 story and basement, 60 x 120 ft., with 60 x 75 ft. ell, brick. $225,000. E. T. Huddleston, Durham, archt. Noted Dec. 10.

Mass., Dartmouth — HIGH SCHOOL — Town, School Com. having plans prepared by Brown & Poole, 688 Pleasant St., New Bedford, new high school. $150,000.

Mass., Hanover—HIGH SCHOOL—Town, School Com., Town Hall, having plans prepared by J. W. Beal Sons, 185 Devonshire St., Boston, brick and steel, Hanover St. $150,000. Noted Mar. 11.

Mass., Medford (Boston P. O.) — CHURCH — St. James Roman Catholic Church, A. Murphy, pastor, having revised plans prepared by E. T. P. Graham, 171 Newbury St., Boston, 1 story and basement, brick, stone and granite, Fellsway corner 4th St. To exceed $150,000. Former bids rejected. Noted Jan. 28.

Mass., Quincy (Ind. br. Boston) — HIGH SCHOOL—City, City Hall, having plans prepared by Shepard & Stearns, 65 Franklin St., Boston, Junior High School, Center, Roberts and Granite Sts. $400,000.

Conn., Norwich—SCHOOL—City, W. F. Lester, Laurel Hill Rd., plans 2 story and basement, in Norwich Town (suburb). $150,000. Engineer and architect not selected.

Conn., Stamford—SCHOOL—City, F. B. Bartram, chn., having revised plans prepared by Knappe & Morris, 171 Madison Ave., New York City, brick, stone and steel, Strawberry Hill Rd. $800,000.

N. Y., Buffalo — CHURCH — Queen of Peace Roman Catholic Church, 1971 Genesee St., plans church and school, Genesee St. $190,000.

N. Y., New York—SEMINARY—Jewish Theological Seminary, 531 West 123rd St., soon takes bids 5 story, 100 x 140 ft., brick and stone, plain foundation, 527 West 123rd St. J. F. Musselman, 101 Park Ave., engr. A. W. Brunner, 101 Park Ave., archt.

Pa., Phila. — SCHOOL — University of Pennsylvania, 34th and Spruce Sts., having revised plans prepared by J. T. Windrim, Commonwealth Bldg., Graduate School of Medicine, 10 story and basement, 54 x 60 ft., and 62 x 136 ft., 19th and Lombard Sts. $1,500,000. Former bids rejected. Noted Apr. 15.

Pa., Pittsburgh—SCHOOL—St. Adelberts Roman Catholic Church, J. S. Govzynski, pastor, having preliminary plans prepared by Potter, Gabele & Co., Prospect-4th Bldg., Cleveland, O., 3 story and basement, brick, steel and concrete, South 15th St. $500,000.

W. Va., Fairmont—SCHOOLS—Bd. Educ. having preliminary plans prepared by W. B. Ittner, 911 Locust St., St. Louis, Mo., high school and 2 or 3 graded schools, 3 story, concrete, brick and stone. Election soon $1,000,000 bonds for same.

O., Cleveland — HIGH SCHOOL — Bd. Educ., F. G. Hogen, dir., having preliminary sketches made by G. M. Hopkinson, Auditorium Garage Bldg., 4 story and basement, brick and steel, East 107th St. and Euclid Ave. $2,000,000.

Ill., Sycamore—GYMNASIUM and DORMITORY—St. Albans Episcopal School for Boys, c/o I. B. Hastings, pastor, having preliminary plans prepared by Mundie & Jensen, 39 South La Salle St., Chicago, 2 and 3 story, rein.-con., brick and stone gymnasium and dormitory. $200,000.

Mo., Clayton—SCHOOL—Bd. Educ., J. L. Bracken, supt., soon takes bids 2 story and basement, brick, concrete and stone, in De Mun tract. $150,000. W. B. Ittner, 911 Locust St., St. Louis, archt. Noted Mar. 1.

Mo., Sedalia — SCHOOL — Election May 14, $300,000 bonds, school, for Bd. Educ.

Nev., Reno — LIBRARY — University of Nevada had plans prepared by R. D. Farquhar, Security Bldg., Los Angeles, Calif., 2 story, brick, campus. $200,000.

Wash., Seattle—CHURCH—J. Graham, archt., Dexter Horton Bldg., takes bids about May 26, 60 x 184 ft., concrete, brick and stone, 15th St. N. E. and East 42nd St., for University Methodist Church. $150,000. Noted Nov. 26.

Calif., Sanger—HIGH SCHOOL—Sanger High School Dist. defeated $270,000 bonds, fireproof high school. Noted Apr. 1.

B. C., Point Grey—SCHOOLS—Bd. Educ. takes bids about June 3, one school addition and three new schools, each 3 story, rein.-con. and timber, plain foundations. Townley & Matheson, 325 Homer St., Vancouver, archts. for 2 schools, and Gardiner & Mercer, Birks Bldg., Vancouver, archts., for other 2 schools. $300,000 bonds voted. Noted Apr. 29.

Bids Desired

Mass., Boston — CONVENT — Gate of Haven Church, A. Lyons, pastor, taking bids 3 story and basement, brick and stone, South Boston Dist. $150,000. Maginnis & Walsh, 100 Boylston St., Boston, archts.

Mass., Brighton (sta. Boston)—SCHOOL—May 20, by Schoolhouse Dept., City Hall, Boston, 1 story and basement, brick, limestone and granite, plain foundation, Washington St. and Corey Rd., Bennett Dist., here. $150,000. Fay, Spofford & Thorndike, 220 Devonshire St., Boston, archts. Noted Apr. 30.

Mass., Cambridge (Boston P. O.) — PARISH HOUSE and CHAPEL — First Congregational Church, R. Calkins, pastor, 90 Berkley St., taking bids 2 story and basement, 90 x 110 ft., brick and stone, Mason St. $150,000. W. H. McLean, 88 Tremont St., Boston, archt.

Mass., Cambridge (Boston P. O.) — SCHOOLS—Shady Hill School, C. Taylor, principal, taking bids 7 open air schools, one 30 x 85 ft., and others 30 x 100 ft., brick, plain foundations. $150,000. S. W. Meade, Barristers Hall, Boston, archt. Noted Apr. 22.

Mass., Palmer—SCHOOL—Town, School Com., taking bids 2 story and basement, brick, Wire Mill Dist. $150,000. M. W. Maloney, 23 Pearl St., Springfield, archt.

Mass., Roxbury (sta. Boston)—SCHOOL—Roxbury Latin School, c/o Perry, Shaw & Hepburn, archts., 177 State St., Boston, taking bids 2 story and basement, 144 x 244 ft., brick and stone, plain foundation, Spring and Center Sts., here. $400,000.

Buildings—Educational, Religious (Cont.)

Mass., Springfield — CHURCH and PARISH HOUSE — Emanuel Congregational Church Society, E. H. Thayer, pastor, taking bids 2 story and basement, 50 x 110 ft. church and 50 x 85 ft. parish house, brick and stone, White St. and Summer Ave. $150,000. E. C. and G. C. Gardner, 33 Lyman St., archts.

Mass., Waltham (Ind. br. Boston) — SCHOOLS—May 26, by City, H. F. Beal, mayor, Bright School $85,000, and Trapela Rd. School $95,000, each 2 story and basement, brick. Hurchins & French, 11 Beacon St., Boston, archts.

Conn., New Canaan—HIGH SCHOOL—May 21, by Town School Building Com., 2 story and basement, brick and steel, South Ave. $150,000. J. N. Pierson & Son, 198 Jefferson St., Perth Amboy, N. J., archts.

Conn., Stamford—NURSES HOME—May 21, by Stamford Hospital, Hubbard Hill, nurses home, brick and steel. $150,000 plus. G. B. Post & Sons, 101 Park Ave., New York City, archt.

N. Y., Greenwich—SCHOOL—May 20, by Bd. Educ., rein.-con. and brick, plain foundation, Main St. $225,000. Tooker & Marsh, 101 Park Ave., New York City, engrs. and archts. Noted Mar. 18.

N. Y., Maspeth (Ind. sta. Flushing)—SCHOOL—May 20, by W. H. Gompert, supt. school buildings, Flatbush Ave. extension and Concord St., Brooklyn, P. S. 73, 54th Ave. and 71st St., here, for Bd. Educ., 500 Park Ave., New York City.

N. Y., Springfield—SCHOOL—May 20, by W. H. Gompert, supt. school buildings, Flatbush Ave. extension and Concord St., Brooklyn, P. S. 52, New York Blvd. from Comfort to Grand Aves., here, for Bd. Educ., 500 Park Ave., New York City.

Pa., Pittsburgh—HIGH SCHOOL—May 13, by Bd. Educ., Fulton Bldg., 2 and 3 story and basement, irregular shaped addition to Langley High School, Charters Ave. $350,000. MacClure & Spahe, Chamber of Commerce Bldg., arcchts.

O., Akron—HIGH SCHOOL—June 4, by Bd. Educ., 2 story and basement, brick high school. $217,000.

O., Lorain—SCHOOL—May 15, by Potter, Gabele & Co., archts., Prospect-Fourth Bldg., 2 story, 85 x 90 ft. school, 54 x 80 ft. convent, and 34 x 48 ft. rectory, brick, for St. Ladislas Roman Catholic Church, A. Koeller, 1412 East 29th St., pastor.

Mich., Lansing—CHEMISTRY BUILDING—May 26, by Malcolmson & Higginbotham, 1219 Griswold St., Detroit, 3 story and basement, rein.-con., brick and steel, plain foundation, campus, here, for Michigan State College, East Lansing. $250,000. Noted Apr. 29.

Ill., Chicago—SCHOOLS—May 26, by Bd. Educ., 650 South Clark St., J. E. Byrnes, bus. mgr., Pasteur School, 3 story and basement, 72 x 386 ft., concrete, brick, steel, stone and terra cotta, 58th St. and Kolin Ave. $500,000. J. J. Christensen, 650 South Clark St., archt.

Ia., Sioux City—DORMITORY—May 25, by Beuttler & Arnold, archts., 407 Grain Exch. Bldg., 3 story and basement, 56 x 133 ft., and two 2 story and basement, 42 x 80 ft. units, rein.-con. and brick, concrete pile foundations, Vine Ave., for Morningside College. $205,000. Noted Apr. 22.

Ark., Little Rock—HIGH SCHOOL—May 31, by Special School Dist., R. D. Fones, secy., 800 Louisiana St., 4 story and basement, rein.-con., brick, steel, stone and terra cotta, Park Ave. $850,000. Wittenborg, Delony & Watts, 408 Home Life Bldg., Mann & Stern, A. O. U. W. Bldg., and J. P. Almand, 1107 Boyle Bldg., archts. Noted Jan. 28.

Colo., Greeley—GYMNASIUM—May 26, by Colorado State Teachers College, 150 x 250 ft., brick and rein.-con. gymnasium 40 ft. high, incl. swimming pool. $250,000. W. N. Bowman, Insurance Bldg., Denver, archt. Noted May 6.

Bids Received

N. H., Concord—HIGH SCHOOL—City, H. J. Lake, chn., 97 North Main St., 2 story and basement, brick stone, plain foundation, from L. H. Shattuck, Inc., 208 Granite St., Manchester, $449,458. Noted Apr. 22.

Mass., Worcester—SCHOOL—City, Pub. Building Dept., City Hall, general contract 2 story and basement, brick, steel and limestone, Granite St., from, C. Rocheford, 58 Front St., $175,030. Noted Apr. 29.

N. Y., Brooklyn — SCHOOLS — W. H. Gompert, supt. school buildings, Flatbush Ave. extension and Concord St., constructing (1) P. S. 203 (2) P. S. 208 (a) general contract (b) plumbing (c) heating, from Hamilton & Chambers, 29 Bway, New York City (1a) $277,500; from G. F. Driscoll Co., 248 Union Ave., (2a) $282,875; from J. A. Graf, 111 Putnam Ave., (1b) $26,932; from D. J. Rice, Inc., 606 1st Ave., New York City, (1c) $41,292 and $34,982. Noted Apr. 29.

N. Y., Montrose—HIGH SCHOOL—Bd. Educ., May 3, general contract brick, steel and stone, plain foundation, from Triangle Constr. Co., 57 South Broadway, Yonkers, $266,000; heating, from Johnston Heating Co., 131 East 26th St., New York City, $34,750. Noted Apr. 29.

Calif., Crockett—HIGH SCHOOL—John Sweet Union High School Dist., Apr. 26, general contract steel, concrete and brick high school, from F. L. Hansen, 251 Kearny St., San Francisco, $123,334; brick and hollow tile, from Hock & Hoffmeyer, 180 Jessie St., San Francisco, $56,950. Noted Oct. 22.

Calif., Los Angeles—SCHOOL—Bd. Pub. Wks., Apr. 21, general contract Riis School, 1 and 2 story, brick, 69th St. near Main St., from J. P. Steele, 4714 South Western Ave., $153,000. Noted Apr. 15.

Contracts Awarded

Mass., Amesbury—SCHOOL—St. Josephs Roman Catholic Church, D. F. Lee, pastor, 2 story and basement, brick and stone, Sparhawk St., to L. C. Cyr, 246 Essex St., Lawrence. Archts. est. $150,000. Noted Apr. 22.

Mass., Granby — SCHOOL — Franciscan Fathers, 3 story and basement, 55 x 205 ft., brick and limestone, to W. Martin & Son, 164 State St., Bridgeport, $257,800. Noted Apr. 29.

Mass., Watertown (Ind. br. Boston) — SCHOOL—Town, C. M. Abbott, chn. com., 2 story and basement, brick and stone, Orchard St., to Somers & Drisco, Park Sq. Bldg., Boston. Archts. est. $150,000. Noted Apr. 15.

Mass., Wellesley (br. Boston)—LABORATORY — Wellesley College, 4 story and basement, 60 x 300 ft., brick, steel and stone, to F. T. Ley Co., 495 Main St., Springfield. Archts. est. $400,000. Noted Apr. 22.

Conn. Bridgeport — CHURCH and PARISH HOUSE — St. Johns Roman Catholic Church, 309 Brooks St., 1 and 2 story and basement, 65 x 75 ft., and 40 x 65 ft., brick and steel, Brooks St., to M. Noonan, 171 6th St. Archts. est. $150,000. Noted Apr. 1.

N. J., Newark—SCHOOL—Bd. Educ., altering and constructing brick, steel and stone addition, plain foundation, Maple Ave., to W. D. Sharwell, 377 North 5th St. Noted Apr. 29.

Pa., Idlewild (Carnegie P. O.) — DORMITORY — St. Paul's Orphanage Asylum, general contract 3 story and basement, irregular shaped dormitory, to W. F. Trimble & Sons, 1719 Penn Ave., Pittsburgh. Archts. est. $200,000.

Pa., Pittsburgh — NURSES HOME — St. Johns General Hospital, N. S., general contract 4 story and basement, approximately 65 x 114 ft. nurses home, Fleming Ave., to Rose & Fisher, Martin Bldg. Archts. est. $150,000. Noted Mar. 11.

Md., Baltimore — SCHOOL — Mayor and City Council, 1 story and basement, 73 x 239 ft., brick and steel, plain foundation, Arlington St. at West and Alto Aves., to North-Eastern Constr. Co., Lexington Bldg., $198,840.

O., Cleveland — ENGINEERING, etc. — Wilbur Watson and associates, archts., 4614 Prospect Ave., 3 story and basement, 55 x 147 ft., brick, steel and concrete mechanical engineering building, Euclid Ave. and Adelbert Rd., to S. W. Emerson Co., 1836 Euclid Ave., for Case School of Applied Science, C. S. Howe, pres., Euclid Ave. Archts. est. $250,000. Noted Apr. 1.

Mich., Fordson — HIGH SCHOOL — Bd. Educ., 3 story and basement, irregular shape, rein.-con., brick and steel, plain foundation, to F. R. Patterson Constr. Co., 2631 Woodward Ave., Detroit. $2,000,000. Noted Mar. 4.

Federal Government Work

Bids Desired

Mass., Lynn — Remodeling — May 27, by Treas. Dept. at office Supervising Archt., Wash., D. C., remodeling and enlarging U. S. Post Office, here; adv. E. N.-R. May 13.

Mass., Rutland Heights — Refrigeration and Ice Making Machinery—May 18, by U. S. Veterans Bureau, Arlington Bldg., Wash., D. C., refrigeration and ice making plant at U. S. Veterans Hospital 89, here.

Pa., Pittsburgh—Gates—June 9, by U. S. Engineer Office, steel lock gates for Lock No. 5, Allegheny River; adv. E. N.-R. May 13.

Md., Baltimore—Storehouse—May 17, by Treas. Dept. at office Supervising Archt., Wash., D. C., storehouse at U. S. Quarantine Station, here.

D. C., Wash.—Motors, etc.—July 7, by Navy Dept., C. D. Wilbur, secy., main motors, generators, and control equipment for submarines V-5 and V-6; adv. E. N.-R. May 13.

La., New Orleans—Levees—May 20, by U. S. Engineers Office, 140 Decatur St., approximately 1,115,000 cu.yd. earthwork in Pontchartrain and Bayou Boueff Levee Districts.

Tenn., Nashville—May 29, by U. S. Engineers Office, 3 frame dwelling at Locks B, C and D, on Cumberland River, here.

Ky., Louisville — Operating Machinery — June 7, by U. S. Engineer Office, Box 72, operating machinery for locks 46 and 49, Ohio River; adv. E. N.-R. May 13.

Ind., Terre Haute—Boilers—June 9, by Treas. Dept. at office Supervising Archt., Wash., D. C., removing boilers and installing 2 horizontal smokeless fire-box heating boilers, at U. S. Post Office, here; adv. E. N.-R. May 13.

Illinois — Sand, etc. — May 25, by U. S. Engineer Office, 537 South Dearborn St., Chicago, sand and crushed stone or gravel at Chicago; Harbor; adv. E. N.-R. May 13.

Ill., Great Lakes (br. Waukegan)—Spec. 5209—May 19, by Bureau Yards & Docks, Navy Dept., Wash., D. C., mezzanine floor in storehouse at Naval Training Station, here.

Ia., Sioux City—May 18, at office Auditor Woodbury Co., improving Moville-Climbing Hill Rd., 80,748 cu.yd. earth, and 28,612 cu.yd. channel excav., 28,231 sta.yd. overhaul, etc.

Ia., Webster City—May 18, by Auditor Hamilton Co., improving secondary roads, 18,425 cu.yd. gravel 1 mi. haul, 123,800 units ½ mi. haul. W. C. O'Conner, Webster City, co. engr.

S. D., Fort Meade — Dam — May 24, by Quartermaster, intake dam, here.

Missouri — May 20, by U. S. Engineer Office, Kansas City, 1,600 lin.ft. current retards in Missouri River at Darst Bottom.

Washington — Dredging — May 24, by U. S. Engineer Office, Seattle, 16,400 cu.yd. dredging in Hoquian River.

Ore., Empire — Compass Station, etc. — Spec. 5198—June 9, by Bureau Yards & Docks, Navy Dept., Wash., D. C., Naval radio compass station, wharf and radio masts, here.

California — Road — May 25, by C. H. Sweetser, dist. engr. U. S. Bureau Pub. Rds., 9 Main St., San Francisco, grading and crushed rock surfacing 19,300 cu.yd., Yuba Pass Natl. Forest Highway, Sierra Co.

Hawaii—Dredging—July 15, by U. S. Engineer Office, Honolulu, dredging in Nawiliwili Harbor; adv. E. N.-R. May 13.

T. H., Pearl Harbor—Generator Sets—Spec. 5200—May 26, by Bureau Yards & Docks, Navy Dept., Wash., D. C., motor generator sets, here.

Bids Received

Ore., Astoria—Addition—Treas. Dept. at office Supervising Archt., Wash., D. C., addition to Quarantine Station, etc., here, from Rohaut & Gearhart, Astoria, 3,438. Noted Apr. 15.

Contracts Awarded

D. C., Wash.—Remodeling—Treas. Dept. at office Supervising Archt., Wash., D. C., remodeling U. S. Courthouse, here, to W. L. Morrison Constr. Co., Metropolitan Bank Bldg., $19,300. Noted Apr. 29.

Ill., Macomb—Extension—Treas. Dept. at office Supervising Archt., Wash., D. C., 1 story extension to U. S. Post Office here, to D. Bright, Clinton, Ind., $3,900. Noted Apr. 29.

Ala., Mobile—Quarantine Station—Treas. Dept. at office Supervising Archt., Wash., D. C., 9 buildings for quarantine station, here, to A. C. Samford, 24 Galena Ave., Montgomery, $159,837; mechanical equipment, to W. Wilby, Selma, $44,444. Noted Apr. 22.

Unclassified

Proposed Work

Athletic Centre—South Boston (sta. Boston), **Mass.**—Olympia Fields Co., c/o H. C. Davis & F. A. Kemp, directors, 53 State St., Boston, having plans prepared by J. Barnard, 171 Newbury St., and R. M. Stovell, 184 Boylston St., Boston, athletic centre, incl. stadium, baseball park, dance hall, etc., Columbia Rd., Dorchester Ave., Locust and Hyde Sts., here. $10,000,000. H. S. Clevendon, 177 State St., Boston, engr.

Grade Crossing Elimination—Connecticut—State Hy. Dept., Hartford, making preliminary surveys grade crossing elimination in Falls Village; Scotts Swamp railroad crossing in Bristol; location known as Cable Bridge Thomaston-Torrington Highway, spanning Naugatuck River and New York, New Haven & Hartford R.R. tracks, $159,000; grading, paving, etc., Reynolds Bridge, 462 ft. long, 28 ft. wide, concrete arch ornamental design, in Thomaston, $280,000; widening underpass, Madison-Clinton Post Rd., grading and paving jointly with New York, New Haven & Hartford R.R., Shore Line Electric R.R., State and Town; grading and paving overhead crossing, New York, New Haven & Hartford R.R. in Andover, $53,000.

Stadium—Niagara Falls, N. Y.—Niagara Frontier & Athletic Assn., plans stadium, 75,000 seating capacity. $3,500,000. C. V. Bush, Brisbane Bldg., engr.

Swimming Pool, etc.—Cleveland, O.—City, F. S. Harmon, dir. Parks, having preliminary plans prepared by H. Kregelius, 604 City Hall, 1 story, 125 x 400 ft., rein.-con. swimming pool and locker rooms, Woodland Hills Park. $200,000. S. Newman, 437 City Hall, engr. Noted Jan. 7.

Underpass — Evansville, Ind. — Vandeburg Co. and Chicago & Eastern Illinois R.R. Co., L. C. Hartley, ch. engr., 66th St. and Union Ave., Chicago, Ill., making surveys and estimates underpass under railroad tracks at Maxwell Ave. $30,000. R. Meisinger, Court House, co. engr.

Sports Arena — Detroit, Mich. — J. C. Townsend & associates, Washington Blvd. Bldg., plan rein.-con., brick and steel sports arena. $1,000,000. Engineer and architect not selected.

Grade Separation—Fordson, Mich.—Made preliminary plans rein.-con. grade separation at Schaefer Rd. and Pere Marquette Ry. tracks. $400,000. Hubbell, Hartgering & Roth, 2640 Buhl Bldg., Detroit.

Golf Course—Lancaster, Wis.—Lancaster Golf Club, J. C. Doolittle, pres., purchased site and plans 9 hole golf course, tennis courts, etc. on same. Engineer not selected.

Street Lighting System—St. Louis, Mo.—Making preliminary plans additional units to electric street lighting system, incl. concrete standards complete with lanterns and glassware, cable, etc. $350,000. A. Pritchard, City Hall, dir.

Elimination Grade Crossing—Carthage, Tex.—Panola Co., c/o T. E. Poren, judge, making plans underpass, 0.289 mi. grading and overhead crossing across Gulf, Colorado & Santa Fe R.R. tracks, on Highway 8, Grade Bluff Rd., etc. $25,000. D. E. Martin, Carthage, engr.

Land Development—Corpus Christi, Tex.—H. H. Friar Realty Co., plans 172 acre land development, incl. water and sewer mains, lights, paving, etc. $75,000. Private plans.

Land Development, Corpus Christi, Tex.—Texas State Bank & Trust Co., plans 1,432 acre land development, incl. water, sewer, light and gas improvements. $100,000. Private plans.

Underpass — Houston, Tex. — City, c/o Mayor, and Southern Pacific R.R., H. M. Lull, ch. engr. Texas Lines, Houston, and J. C. McVea, city engr., soon take bids rein.-con. underpass under Galveston, Harrisburg & San Antonio R.R. tracks north of Ship Channel, $134,000; also 2 rein.-con. underpasses under Houston and Texas Central R.R. tracks, $200,000.

Bathing Pavilion—Los Angeles, Calif.—W. P. English, Chapman Bldg., plans bathing pavilion, incl. 4 swimming pools, 20 x 93 ft. 3½-11 ft. deep, and 20 x 50 ft., 3-9 ft. deep, Sunset Blvd.

Bids Desired

Foundations, etc.—Hull, Mass.—May 17, by Town Clerk's Office, concrete lamp post foundations, concrete curbings, etc., on various streets. $25,000. J. Smith, supt. streets.

Cable—Hartford, Conn.—May 18, by Bd. Contr. & Supply City Hall, 7,000 ft. 10 and 11,000 ft. 7 wire cable, for fire alarm system. R. N. Clark, City Hall, engr.

Timber Piles—Albany, N. Y. — May 21 (extended date), at office Albany Port Dist. Comn., 100 State St., timber piles and platform for bulkhead for Port of Albany. T. Fitzgerald, secy.; adv. E. N.-R. May 13.

Heating and Sanitary Work—Raybrook, N. Y.—June 3, by Superintendent Purchase, Capitol, Albany, heating and sanitary work, service connections, etc., for laboratory at New York State Hospital for Incipient Tuberculosis, here; adv. E. N.-R. May 13.

Promenade—Detroit, Mich.—May 6, by H. W. Busch, comr. Parks & Buildings, constructing brick, concrete and stone promenade around James Scott Water Fountain on Bell Isle. $55,000. Cross Gilbert, 244 Madison Ave., New York City, archt.

Coal Bunker, etc. — Janesville, Wis. — Hough Shade Co., A. C. Hough, mgr., 1059 Jackson St., taking bids coal bunker, etc., 12 ft. high, rein.-con. W. H. Blair, Janesville, engr.

Coal Tipple, etc.—Higbee, Mo.—See "Contracts Awarded."

Swimming Pool — Beaumont, Tex. — See "Contracts Awarded."

Swimming Pool — Greeley, Colo. — See "Buildings—Educational, Religious."

Ornamental Lighting System—Los Angeles, Calif. — May 24, by Supervs. Los Angeles Co., 120 steel standards on portions Montrose Ave. (Co. Impvt. 411) and Melrose Ave. (Co. Impvt. 520). To exceed $25,000.

Gas System—Burnaby, B. C.—See "Contracts Awarded."

Bids Received

Bulkhead, etc.—Bronxville, N. Y.—Westchester Co. Park Comn., 72 Pondfield Rd., May 3, excavating, grading and culverts for Approach Road from Pelham Rd. to Glen Islands Park, here, from L. Seiling, Inc., Red Bank, N. J., $49,505. Noted Apr. 15.

Bulkhead, etc. — Bayonne, N. J. — See "Streets and Roads."

Contracts Awarded

Platform Extensions—New York, N. Y.—Bd. Transportation, J. H. Delaney, chn., 49 Lafayette St., extending Essex St., Bowery and Chambers St. stations of 4th Ave. Rapid Transit R.R., to B. T. and J. J. Mack, 160 Bway., $196,930. Noted May 6.

Arena — Jersey City, N. J. — Journal Square Gardens, Inc., c/o Crane & Franzheim, archts. and engrs., 345 Madison Ave., New York City, 200 x 225 ft., rein.-con., brick and steel sporting arena, plain foundation, Hudson Blvd., to Thompson-Starrett Co., 250 Park Ave., New York City. Archts. est. $7,000,000.

Stadium—Savannah, Ga.—City, rein.-con. stadium in Daffin Park, to Gibson Constr. Co., 205 East Bay St. $53,000.

Stadium — Evansville, Ind. — Bd. Educ., constructing Enlow Field Stadium, 50 x 327 ft. concrete, to Scarbough-Daviess Constr. Co., Old St. Bldg., $77,990.

Foundation—Joliet, Ill.—See "Buildings—Commercial under Proposed Work."

Gas Holder—Beaver Dam, Wis.—Wisconsin Power & Light Co., 16 North Carroll St., Madison, 200,000 cu.ft. capacity gas holder, to Hatter Constr. Co., 128 Western Ave., Fond du Lac.

Street Lighting System—St. Paul, Minn.—Street lighting system with pressed steel posts in St. Anthony Park Dist. and Merriam Park and Hill Dist. 2, to Donovan Constr. Co., 1101 Builders Exch. Bldg., $46,000 and $296,400 respectively. Noted May 6.

Coal Tipple, etc.—Higbee, Mo.—Howard County Mining Co., near here, G. Staffer, genl. mgr., 1012 Baltimore Ave., Kansas City, will build coal tipple, here, by day labor. $300,000. Private plans.

Swimming Pool—Beaumont, Tex.—City, c/o O. J. Bloyd, mgr., will build 80 x 120 ft., rein.-con. swimming pool, by day labor. $30,000. R. C. Black, Beaumont, engr.

Pavilion, etc.—Eugene, Ore.—University of Oregon, c/o L. H. Johnson, comptroller, constructing Bakerball Pavilion, on campus, to A. Pajunen, 809 Alberta St., Portland, $139,168.

Gas Holder—Los Angeles, Calif.—California Gas Co., 950 South Bway., gas holder, steel, to Bartlett-Hayward Co., 200 Scott St., Baltimore, Md., $615,000.

Ornamental Lighting System—Los Angeles, Calif.—Lighting system on 5th St. between Harbor Blvd. and Pacific Ave., to R. A. Wattson, 1026 North McCadden Pl., $29,388.

Ornamental Lighting System—Santa Ana, Calif.—Lighting system on portions of East 4th St., etc., to Robertson Electric Co., 303 North Main St., $25,673.

Pavilion—Santa Barbara, Calif.—David Gray Beach Pavilion, c/o Sauter & Lockard, archts., rein.-con. pavilion, East Cabrillo Blvd., to A. Johnson, 1007 South Grand Ave., Los Angeles, $155,560.

Coke Ovens—Hamilton, Ont.—Hamilton By-Products Coke Ovens (1st unit) coke ovens, to Tope Constr. Co., King Co., King St., West Hamilton, $250,000. Noted Mar. 11.

Steel Gates—Welland, Ont.—Dept. Rys and Canals, Parliament Bldgs., Ottawa, 30 steel gates, 16,000 tons steel and 4,000 tons castings, to Lyall Constr. Co., 5000 Western St., Montreal, approximately $4,500,000.

Gas System — Burnaby, B. C. — Vancouver Gas Co., Ltd., Carrall and Hastings Sts., Vancouver, will build gas system in various locations, by day labor. $50,000. J. Keillor, engr.

Tunnel—Vancouver, B. C.—Dist. Water Bd., Bekins Bldg., driving 650 ft. tunnel at Barwell Lake, to Vancouver Pile Driving & Contr. Co., 207 Hastings St. W., $29,951.

Materials

Bids Desired

Coal Tar Patching—Boston, Mass.—May 17, by Supply Dept., coal tar patching to various city departments for ensuing year. F. L. Brier, supt.

Cement Blocks—Albany, N. Y.—May 25, at office Albany Port Dis. Comn., 100 State St., manufacturing cement blocks for wharf construction for Port of Albany; adv. E.N.-R. May 13.

Castings—New York, N. Y.—May 17, by J. Miller, pres. Manhattan Boro, Municipal Bldg., steel castings to Corporation Yards.

Rails, Screw Spikes, etc.—Phila., Pa.—May 21, by H. E. Ehlers, dir. Dept. City Transit, 1211 Chestnut St., rail, splice bars, bolts, nut locks and screw spikes, for Broad St. Subway.

Gravel — Louisiana — May 18, by State Hy. Dept., Baton Rouge, approximately 3,276 cu.yd. washed gravel and 6,528 cu.yd. sand gravel for Lake Charles-Lake Arthur Highway, State Project 512-A, Jefferson-Davis Parish. Former bids rejected. W. B. Robert, Reymond Bldg., Baton Rouge, highway engr.

Ties — Columbus, O. — May 17, by A. Singleton, purch. agt., Hocking Valley Ry. Co., 421 Spahr Bldg., fifty thousand 8 ft. 6 in. cross ties.

Conduit Pipe—Kenosha, Wis.—May 17, by C. M. Osborn, city mgr., approximately 4,000 ft. 4 hole conduit pipe for fire and police signal system.

Refined Tar—Minneapolis, Minn.—May 21, by F. S. Gram, city purch. agt., 150,000 gal. refined tar, for Bd. Park Comrs., City Hall. A. E. Berthe, engr.

Bids Received

Iron Castings — New York, N. Y. — J. Miller, pres. Manhattan Boro, Municipal Bldg., May 10, iron castings to Corporation Yards, from Campbell Fdry. Co., 33 Manor Ave., Harrison, N. J. $25,123; and from Flockhart Fdry., 79 Polk St., Newark, N. J., $25,123. Noted May 5.

Road Oil—St. Paul, Minn.—F. S. Gram, city purch. agt., Apr. 19, 300,000 gal. road oil, from Standard Oil Co., 3rd and Commercial Sts., at $0.06 per gal. Noted May 6.

Pipe—Pasadena, Calif.—From Amer. C. I. Pipe Co., Rives-Strong Bldg., Los Angeles, 10,000 ft. 4 in. Class "B" pipe at $0.5211 per ft., 40,000 ft. 6 in. $0.7465, 10,000 ft. 8 in. $1.0675, 8,000 ft. 12 in. $1.8524, and 4,000 ft. 16 in. $3.218, f.o.b. Pasadena.

Contracts Awarded

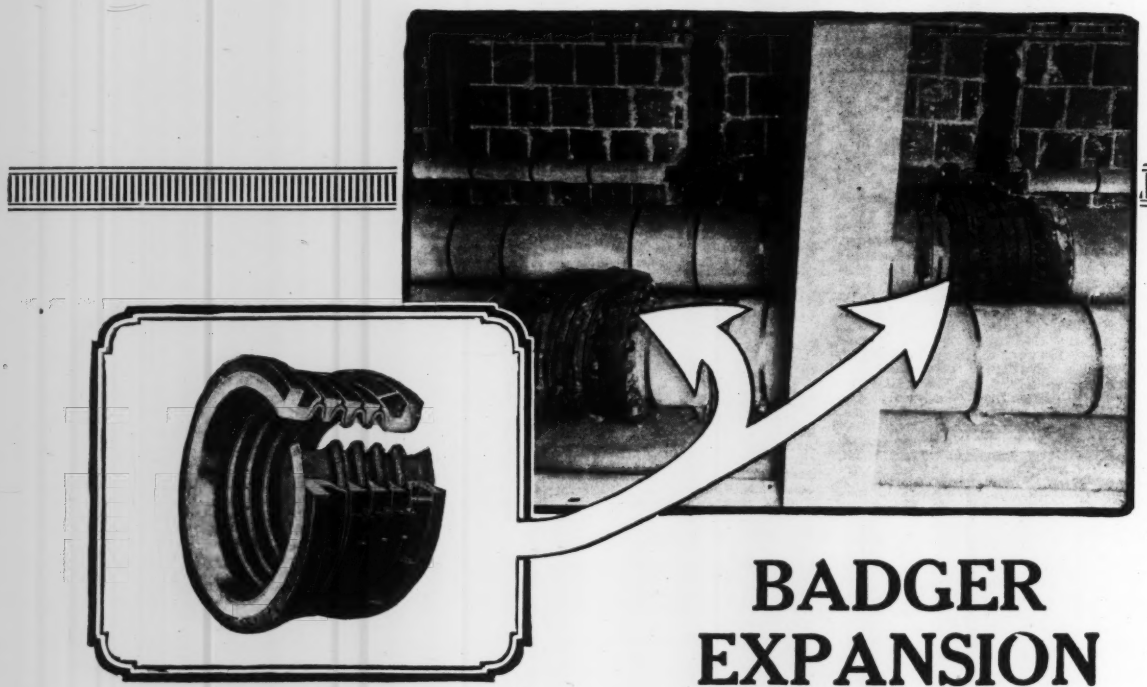
Asphaltic Oil, Etc.—Rhode Island—State Bd. Pub. Roads, State House, Providence, 250,000 gal. asphaltic oil and tar, to M. Moulton Jr., Inc., 6 Beacon St., Boston, Mass., $19,957. Noted under Streets and Roads Apr. 15.

Road Oil — Nashville, Tenn. — Davidson Co. Hy. Comn. 250,000 gal. asphaltic road oil for 1926, to Standard Oil Co. of Louisiana, 1124 Harrison St., at $0.0784 per gal.

Tar — Cincinnati, O. — Comrs. Hamilton Co., 300,000 gal. Grade 1 tar to Hamilton Co. Rd. Repair Dept., to Barrett Mfg. Co., 517 Carr St., $32,250. Engrs. est. $33,000. Noted Mar. 25.

Road Signs — Iowa — State Hy. Comn., Ames, semi-steel cast U. S. markers, state markers, U. S. right and left signs, state right and left turn, curve and railroad crossing signs, to Hart-Parr Co., Charles City, $59,406; 8 and 10 ft. 4 x 4 creosoted yellow pine posts to E. J. Stocking, 111 West Washington St., Chicago, at $0.69 and $0.84 each respectively, total $25,800. Noted Apr. 8.

See proposal advertising on page 134, Advertising Section



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